Hypass Online
Demo Manual

Table of Contents

Table of Contents 2
Security Access 3
Home Page 11
News & Information 12
User Profile 13
Notepad 18
Parts Data 21
- Search by Assemblies 21
- Search for Part using Truck Serial Number 25
- Search by Part Description 37
- Spider Web Information 42

Service Data 46
- Available Service Manuals 48

Support Data 57
- RSPL (Recommended Spare Parts Lists) 57
- Accessing Service Grams 60
- Accessing MSDS (Material Safety Data Sheets) 63
- Accessing SPIder Web (Special Engineering) by Serial Number 66
- Accessing SPIder Web (Special Engineering) by SPI List Number 72

Feedback System 76
- Report A Data Error Or Omission 77
- Check the Status of a Report 81
- Report A Hypass Online Systems Problem 83
- Report A Hypass Online Parts Identification Problem 86

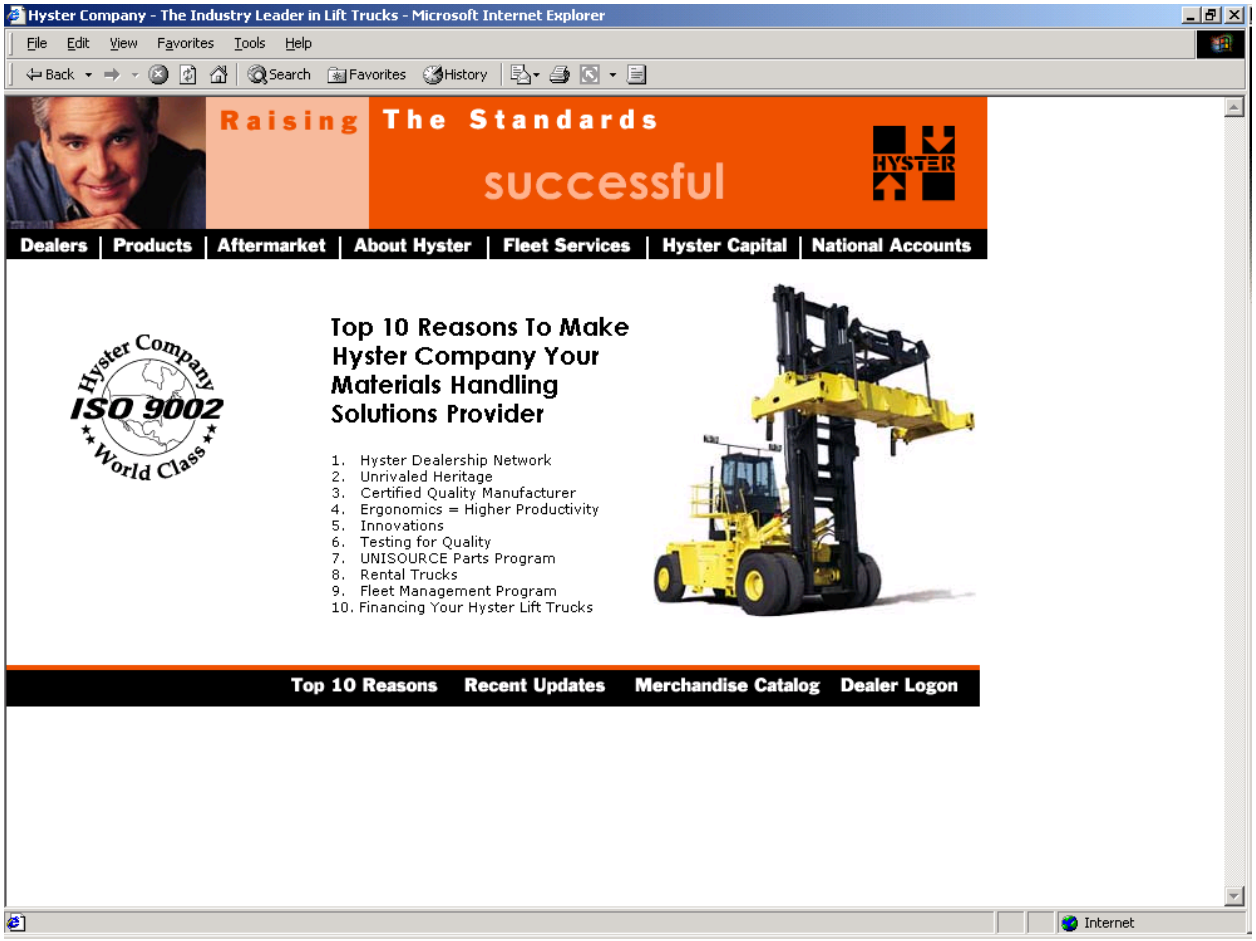
Introduction

Hypass Online is an Aftermarket Information Database utilizing web-based technology, accessible through the Internet. The system provides access to parts and service information, through the Internet, for Hyster forklift trucks. It is easy to access and simple to use. Since the system is "user friendly", the Internet server will do most of the data processing, rather than the user's workstation. The graphical user interface is efficient and intuitive. Because it is global in scope, it is designed to eventually accommodate multiple languages.

Please utilize this document as a guide to navigate the new system.

Security Access

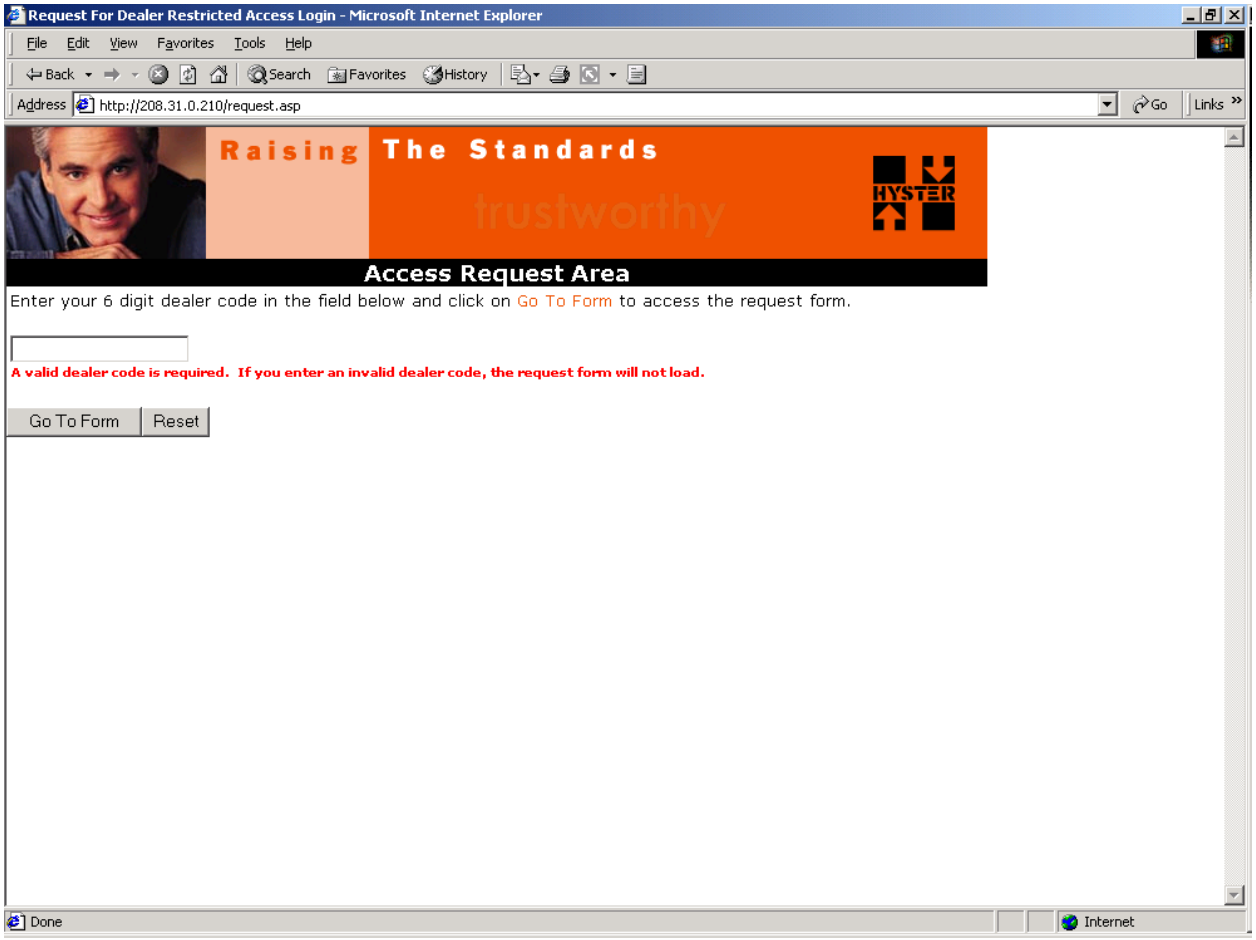
1. Go to the Hysterusa.com home page (displayed below) and log on to the Dealer Logon (lower right hand section of the screen).


Hyster Company - The Industry Leader in Lift Trucks - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
Raising The Standards
successful
HYSTER
Dealers | Products | Aftermarket | About Hyster | Fleet Services | Hyster Capital | National Accounts
Hyster Company ISO 9002 World Class
Top 10 Reasons To Make Hyster Company Your Materials Handling Solutions Provider
1. Hyster Dealership Network
2. Unrivaled Heritage
3. Certified Quality Manufacturer
4. Ergonomics = Higher Productivity
5. Innovations
6. Testing for Quality
7. UNISOURCE Parts Program
8. Rental Trucks
9. Fleet Management Program
10. Financing Your Hyster Lift Trucks
Top 10 Reasons Recent Updates Merchandise Catalog Dealer Logon
Internet

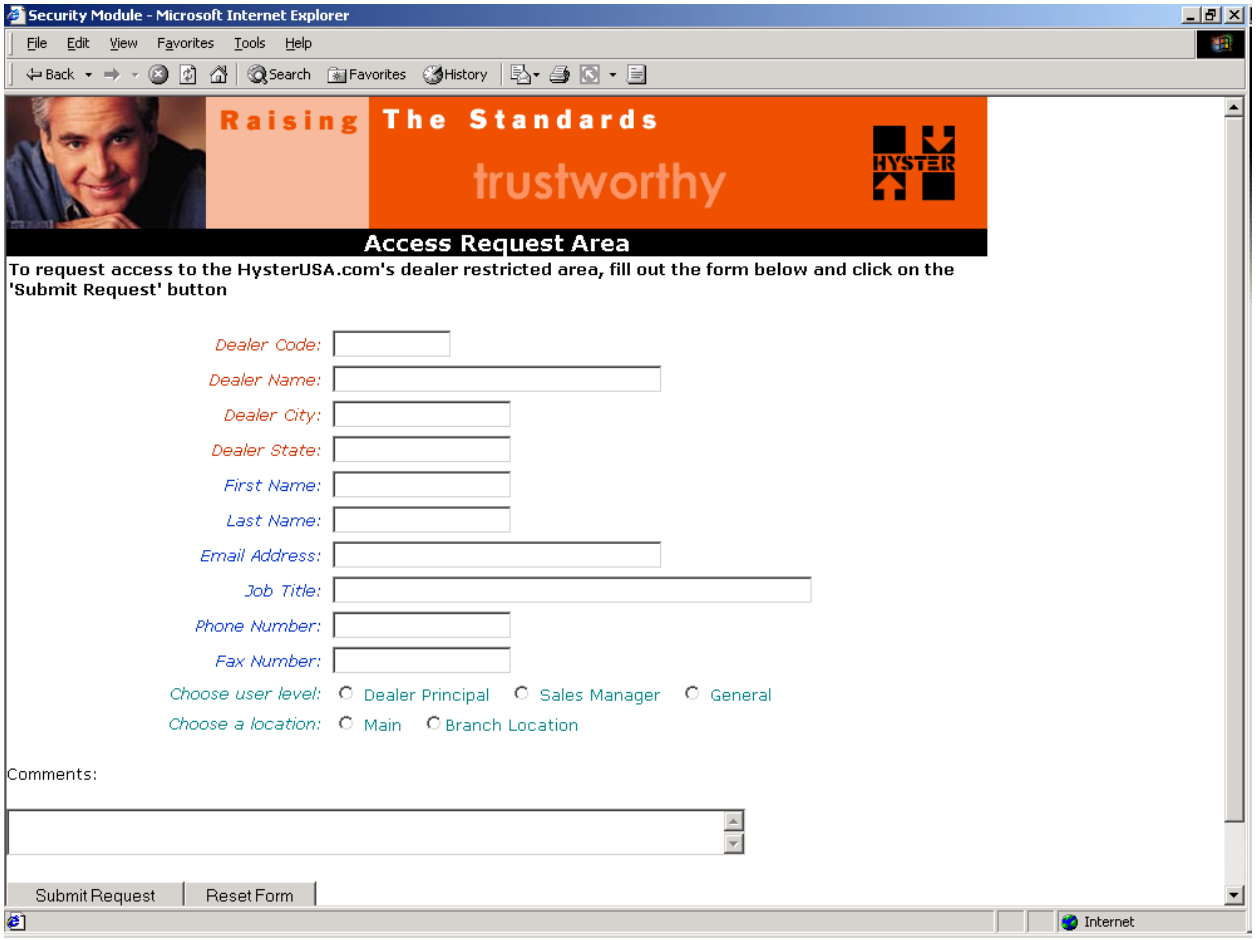
The system will display the following logon screen:

Hyster Company - The Industry Leader in Lift Trucks - Products - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
Address http://www.hysterusa.com/dealerarea/
Go Links
Raising The Standards
HYSTER
Dealers | Products | Aftermarket | About Hyster | Fleet Services | Hyster Capital | National Accounts
The Digital Dealer
Hyster Company ISO 9002 World Class
If You HAVE Your User Credentials Click This Button
If You NEED Your User Credentials Click This Button
Any questions, comments, or difficulties with your ID, password or this secure site, please click here. Please DO NOT use the red button if you have been assigned an ID and password.
Top 10 Reasons Recent Updates Merchandise Catalog Dealer Logon
Internet

If you do not have a userid for the Hyster dealer web site, click on the button that says, “If You NEED Your User Credentials Click This Button” and you will be presented with the following page:

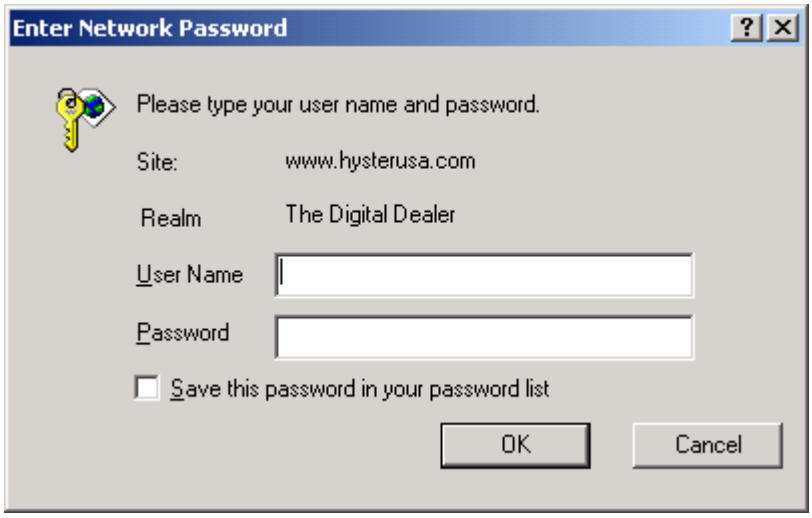

Request For Dealer Restricted Access Login - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
Address http://208.31.0.210/request.asp
Go Links
Raising The Standards
trustworthy
HYSTER
Access Request Area
Enter your 6 digit dealer code in the field below and click on Go To Form to access the request form.
A valid dealer code is required. If you enter an invalid dealer code, the request form will not load.
Go To Form
Reset
Done
Internet

Enter your dealer code and Click on the “Go To Form” button and you will be presented with the following display:

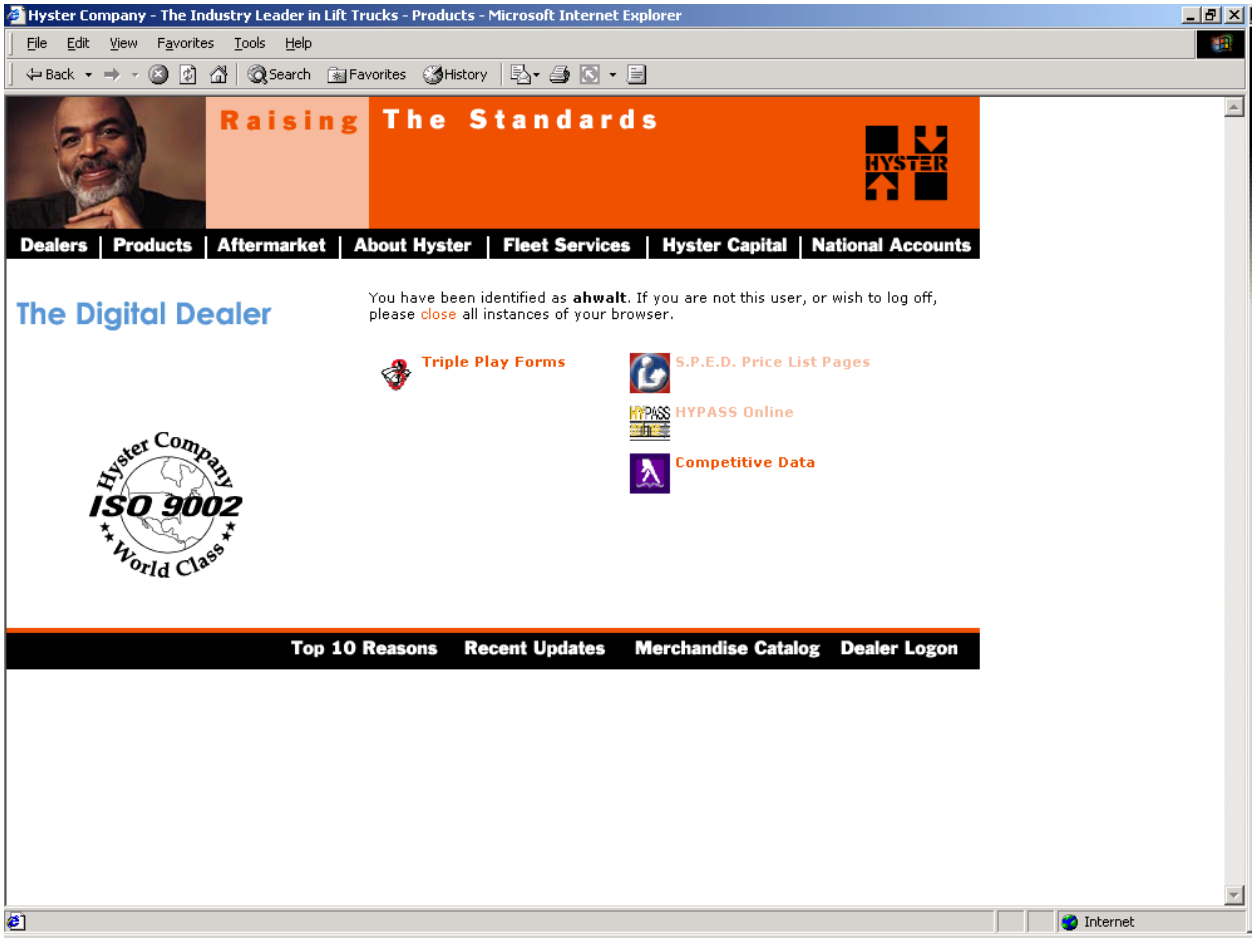


Complete the form and click on the “Submit Request” button. You will be advised by e-mail that your request has been completed.

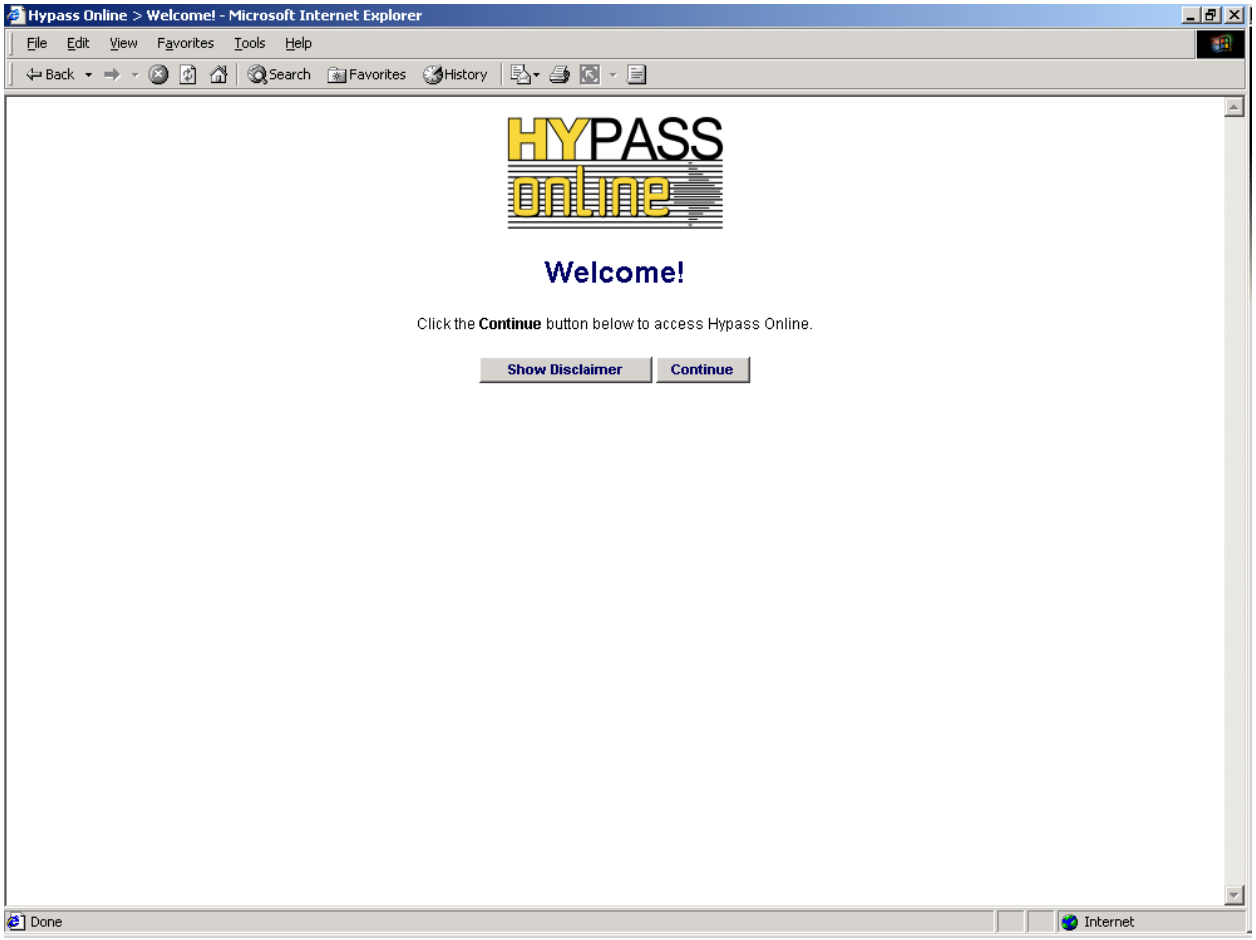
If you have a valid Hysterusa.com userid, click on the button that says, " If You Have Your User Credentials Click This Button", and the following Page will appear:



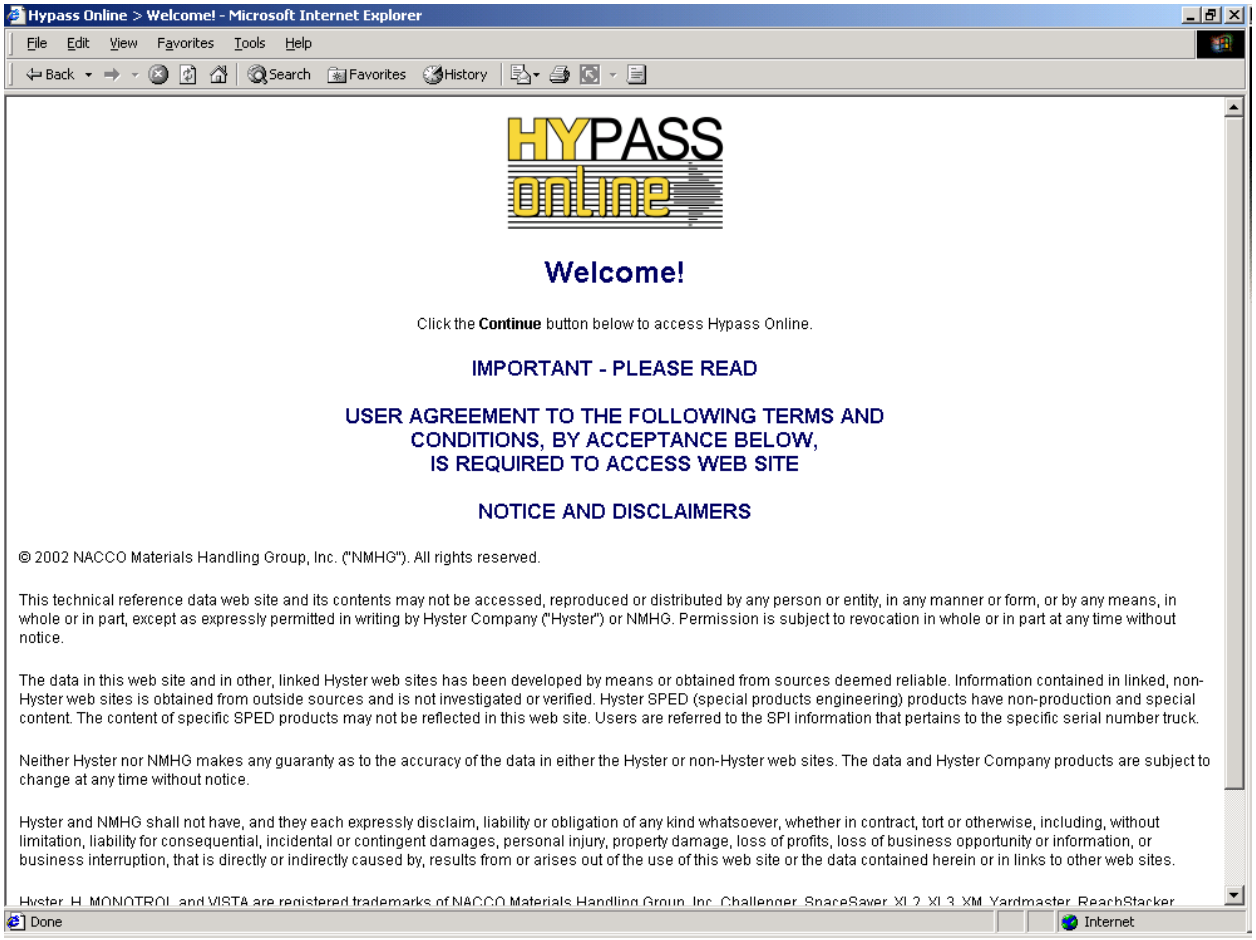
Key in your userid and password and the following screen will be displayed:


Hyster Company - The Industry Leader in Lift Trucks - Products - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
Raising The Standards
HYSTER
Dealers | Products | Aftermarket | About Hyster | Fleet Services | Hyster Capital | National Accounts
The Digital Dealer
You have been identified as ahwalt. If you are not this user, or wish to log off, please close all instances of your browser.
Triple Play Forms
S.P.E.D. Price List Pages
HYPASS Online
Competitive Data
Hyster Company ISO 9002 World Class
Top 10 Reasons Recent Updates Merchandise Catalog Dealer Logon
Internet

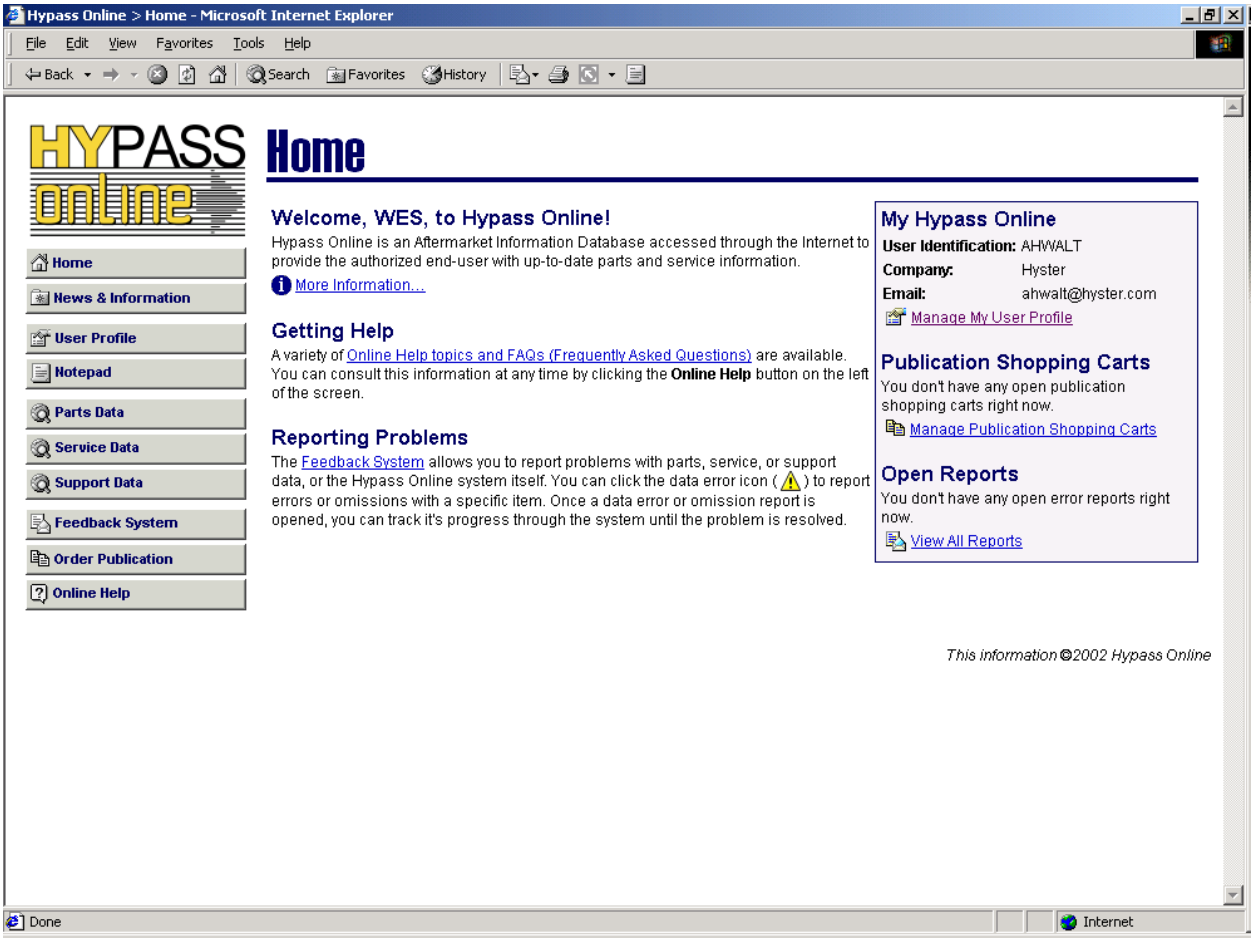
Click on the HYPASS Online button and the following page will be displayed:



A Disclaimer agreement, similar to this one, will appear, please read the Disclaimer and click on the “Continue” button at the bottom of the screen to move to the Home page:


Hypass Online > Welcome! - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
HYPASS online
Welcome!
Click the Continue button below to access Hypass Online.
IMPORTANT - PLEASE READ
USER AGREEMENT TO THE FOLLOWING TERMS AND CONDITIONS, BY ACCEPTANCE BELOW, IS REQUIRED TO ACCESS WEB SITE
NOTICE AND DISCLAIMERS
© 2002 NACCO Materials Handling Group, Inc. ("NMHG"). All rights reserved.
This technical reference data web site and its contents may not be accessed, reproduced or distributed by any person or entity, in any manner or form, or by any means, in whole or in part, except as expressly permitted in writing by Hyster Company ("Hyster") or NMHG. Permission is subject to revocation in whole or in part at any time without notice.
The data in this web site and in other, linked Hyster web sites has been developed by means or obtained from sources deemed reliable. Information contained in linked, non-Hyster web sites is obtained from outside sources and is not investigated or verified. Hyster SPED (special products engineering) products have non-production and special content. The content of specific SPED products may not be reflected in this web site. Users are referred to the SPI information that pertains to the specific serial number truck.
Neither Hyster nor NMHG makes any guaranty as to the accuracy of the data in either the Hyster or non-Hyster web sites. The data and Hyster Company products are subject to change at any time without notice.
Hyster and NMHG shall not have, and they each expressly disclaim, liability or obligation of any kind whatsoever, whether in contract, tort or otherwise, including, without limitation, liability for consequential, incidental or contingent damages, personal injury, property damage, loss of profits, loss of business opportunity or information, or business interruption, that is directly or indirectly caused by, results from or arises out of the use of this web site or the data contained herein or in links to other web sites.
Hyster, H, MONOTROL and VISTA are registered trademarks of NACCO Materials Handling Group, Inc. Challenger, SpaceSaver, XL, 2, XL 3, XM, Yardmaster, ReachStacker
Done
Internet

Click on Continue, and the Home Page for Hypass Online will display:


Hypass Online > Home - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
HYPASS online
Home
Home
News & Information
User Profile
Notepad
Parts Data
Service Data
Support Data
Feedback System
Order Publication
Online Help
Welcome, WES, to Hypass Online!
Hypass Online is an Aftermarket Information Database accessed through the Internet to provide the authorized end-user with up-to-date parts and service information.
More Information...
Getting Help
A variety of Online Help topics and FAQs (Frequently Asked Questions) are available. You can consult this information at any time by clicking the Online Help button on the left of the screen.
Reporting Problems
The Feedback System allows you to report problems with parts, service, or support data, or the Hypass Online system itself. You can click the data error icon ( ) to report errors or omissions with a specific item. Once a data error or omission report is opened, you can track it's progress through the system until the problem is resolved.
My Hypass Online
User Identification: AHWALT
Company: Hyster
Email: ahwalt@hyster.com
Manage My User Profile
Publication Shopping Carts
You don't have any open publication shopping carts right now.
Manage Publication Shopping Carts
Open Reports
You don't have any open error reports right now.
View All Reports
This information ©2002 Hypass Online
Done
Internet

Home Page

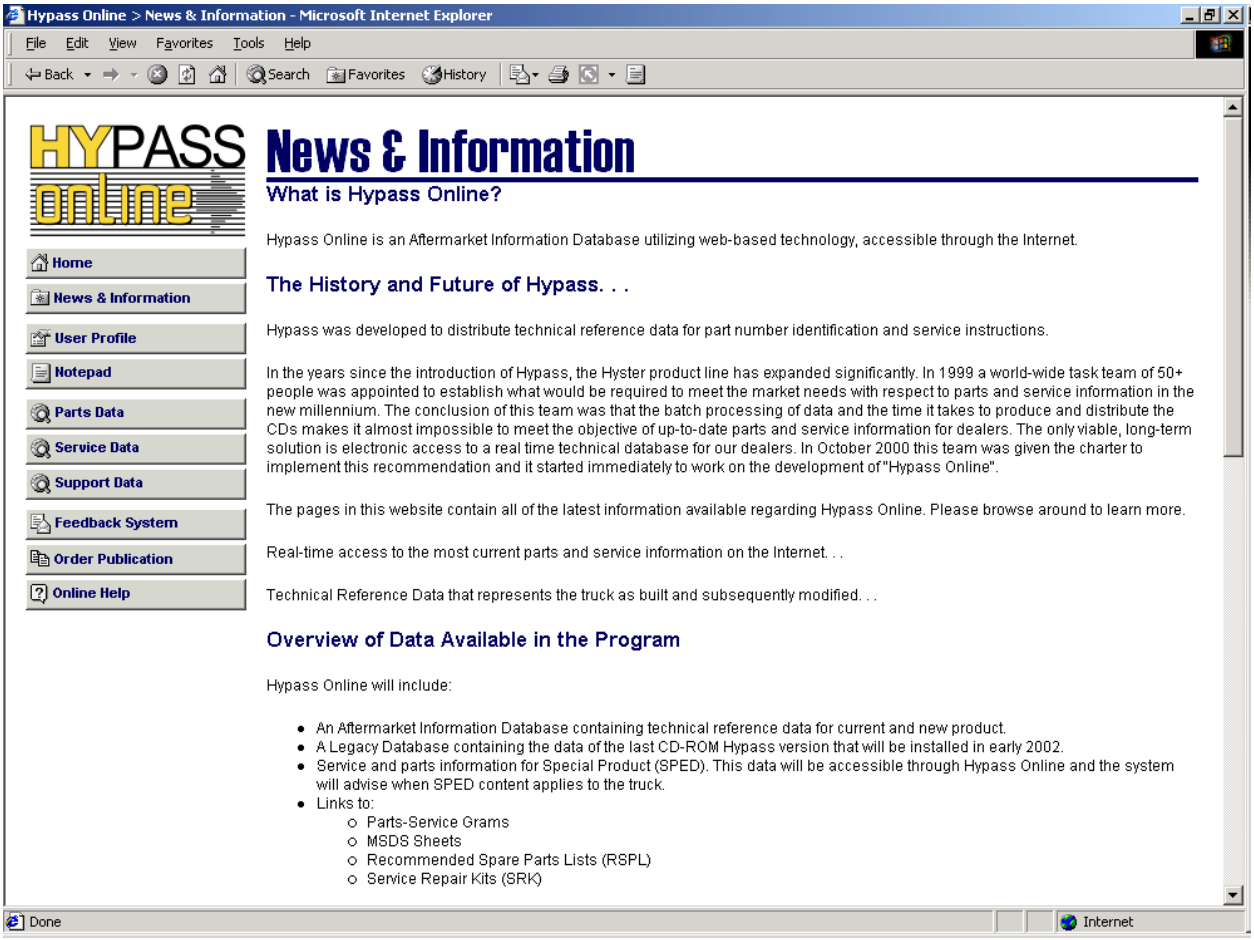
The Home Page is exactly what the name implies. It is the page where you will return to often and utilize to navigate to other areas of the web site. From the Home Page, you can access any of the following locations by clicking on the large buttons located on the left hand side of the web page:

News & Information
User Profile
NotePad
Parts Data
Service Data
Support Data
Feedback System
Order Publications
Online Help

News & Information

This section provides history of the Hypass Online application, hardware and software requirements, and frequently asked questions. The site will be updated with Hypass Online related information as necessary. Users should check this page to view the latest information regarding the application.

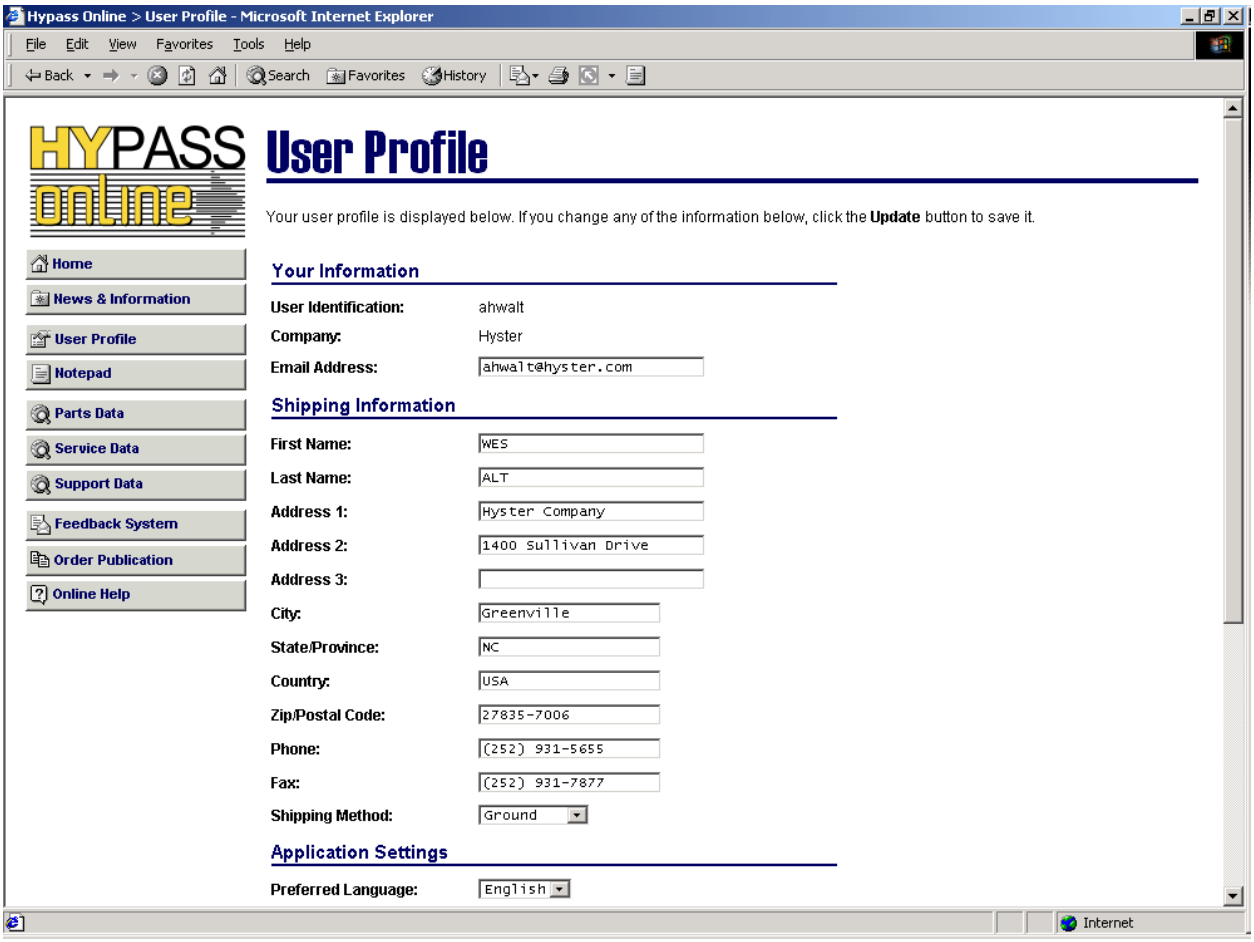
When you click on the “News & Information” button, a screen similar to the following screenshot should appear:


Hypass Online > News & Information - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
HYPASS online
Home
News & Information
User Profile
Notepad
Parts Data
Service Data
Support Data
Feedback System
Order Publication
Online Help
News & Information
What is Hypass Online?
Hypass Online is an Aftermarket Information Database utilizing web-based technology, accessible through the Internet.
The History and Future of Hypass. . .
Hypass was developed to distribute technical reference data for part number identification and service instructions.
In the years since the introduction of Hypass, the Hyster product line has expanded significantly. In 1999 a world-wide task team of 50+ people was appointed to establish what would be required to meet the market needs with respect to parts and service information in the new millennium. The conclusion of this team was that the batch processing of data and the time it takes to produce and distribute the CDs makes it almost impossible to meet the objective of up-to-date parts and service information for dealers. The only viable, long-term solution is electronic access to a real time technical database for our dealers. In October 2000 this team was given the charter to implement this recommendation and it started immediately to work on the development of "Hypass Online".
The pages in this website contain all of the latest information available regarding Hypass Online. Please browse around to learn more.
Real-time access to the most current parts and service information on the Internet. . .
Technical Reference Data that represents the truck as built and subsequently modified. . .
Overview of Data Available in the Program
Hypass Online will include:
An Aftermarket Information Database containing technical reference data for current and new product.
A Legacy Database containing the data of the last CD-ROM Hypass version that will be installed in early 2002.
Service and parts information for Special Product (SPED). This data will be accessible through Hypass Online and the system will advise when SPED content applies to the truck.
Links to:
Parts-Service Grams
MSDS Sheets
Recommended Spare Parts Lists (RSPL)
Service Repair Kits (SRK)
Done
Internet

User Profile

A potential user will be required to receive authorization from dealer management and the Hyster Digital Dealer site manager to initiate the account creation process. User information such as contact name, business name, business address, telephone number, fax number, and e-mail address will be required. Specific site access information, such as preferred language, will be included. Access to information by serial number or user code may be limited according to user ID. This will be at the option of NMHG. Users will be noted as limited or unlimited. The information will be forwarded to the Webmaster for account creation. The user and sponsor will be e-mailed upon account acceptance and creation.

To access your User Profile, click on the button “User Profile”. The following web page will appear:



The User Profile is segmented into three sections; Your Information, Shipping Information, and Application Settings.

Your Information:

- **User Identification** – The userid value that you have been assigned to utilize the Hypass Online application will appear in this box. You cannot change this information.
- **Company** – The company that you are employed by will appear here (i.e. Dealership Name) *(Required)*
- **Email Address** – Your e-mail address that Hypass Online will utilize to communicate with you, regarding questions you submit using Hypass Online. *(Required).*

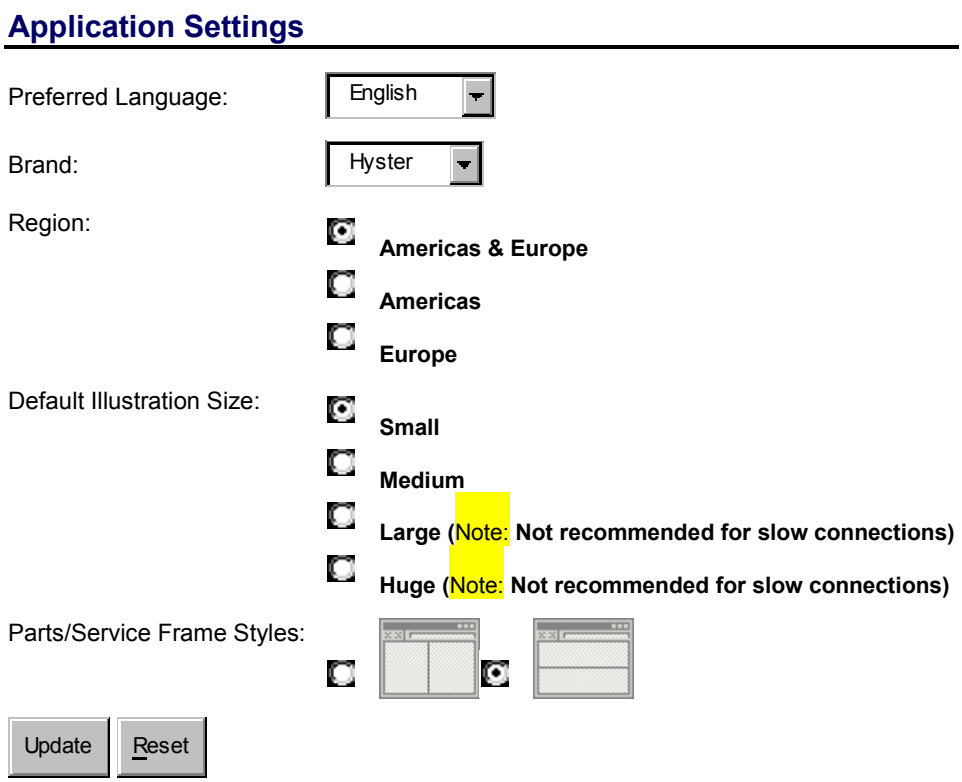
Shipping Information:

If items are ordered via the Hypass Online application using your userid, this is the address where they will be shipped.

- **Name** – *Enter Your First and Last Name (Required)*
- **Address 1** – Street Address, PO Box, etc. *(Not Required)*
- **Address 2** – Line 2 of street address *(Not Required)*
- **Address 3** – Line 3 of street address *(Not Required*
- **City** – Enter name of City. *(Not Required).*
- **State/Province** – Enter the two digit alpha state code for the United States (AL for Alabama, NC for North Carolina, etc.) or the two digit alpha code for the Canadian province (i.e. AB for Alberta, PQ for Quebec, etc).
- **Zip/Postal Code** – Enter your five or nine digit zip code or 6 digit Canadian Postal code.
- **Phone Number** – Enter your phone number using the xxx-xxx-xxxx format.
- **Fax Number –** Enter your fax number using the xxx-xxx-xxxx format.

Application settings are located at the bottom of the User Profile page:

Application Settings:

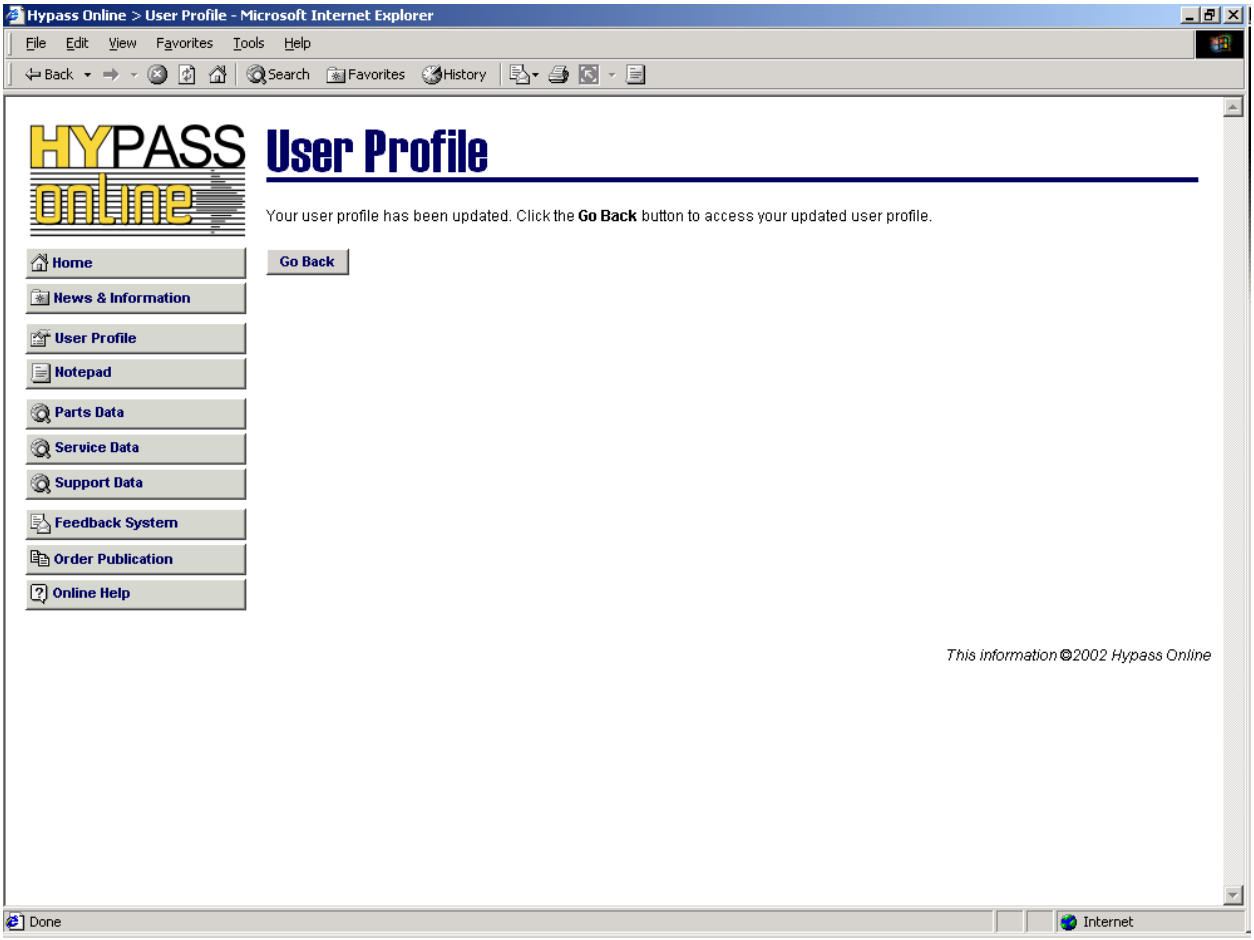


- **Preferred Language -** Using the drop down box, select the language you desire to be utilized for display screens.
- **Brand -** Select the brand name that you would like to view. (Note: Hyster dealerships will not have the option to select a different brand).
- **Region –** Select your region; i.e. Americas & Europe, Americas, or Europe. For US and Canadian dealerships, the selection should be Americas.
- **Default Illustration Size –** This setting refers to the size of the drawing when displayed on the screen. Please note that the setting Large and Huge are not recommended for slow Internet connections.

- **Parts/Service Frame Styles –** This selection refers to the frame format you will view on the screen. The first selection indicates the parts list will be along side of the drawing, on the second selection the parts list appears above the drawing.

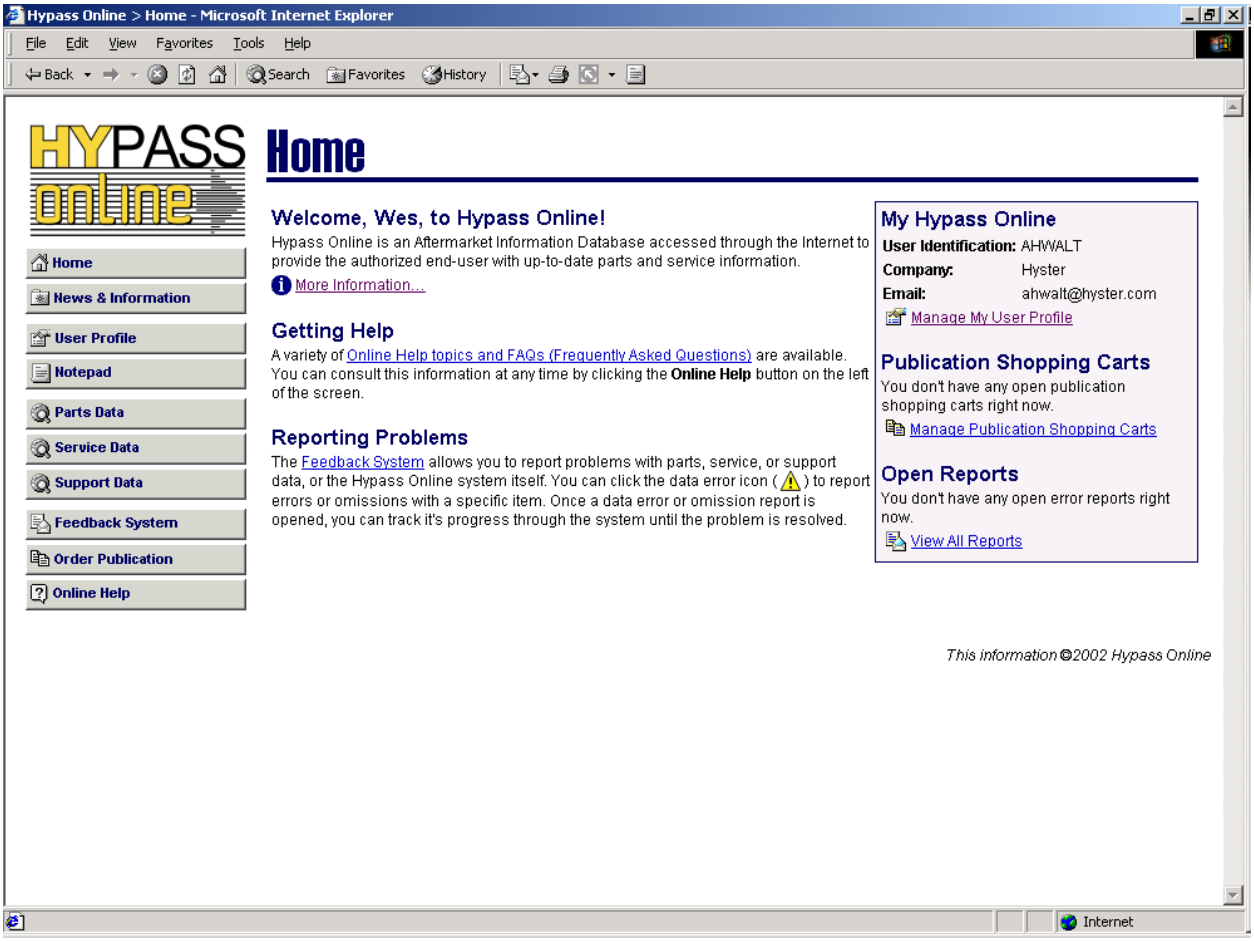
When you have completed your selections, click on the Update button at the bottom of the screen. If you do not like your selections, click on the reset button and the fields will be reset to blank values.

Clicking the update button will produce the following display:

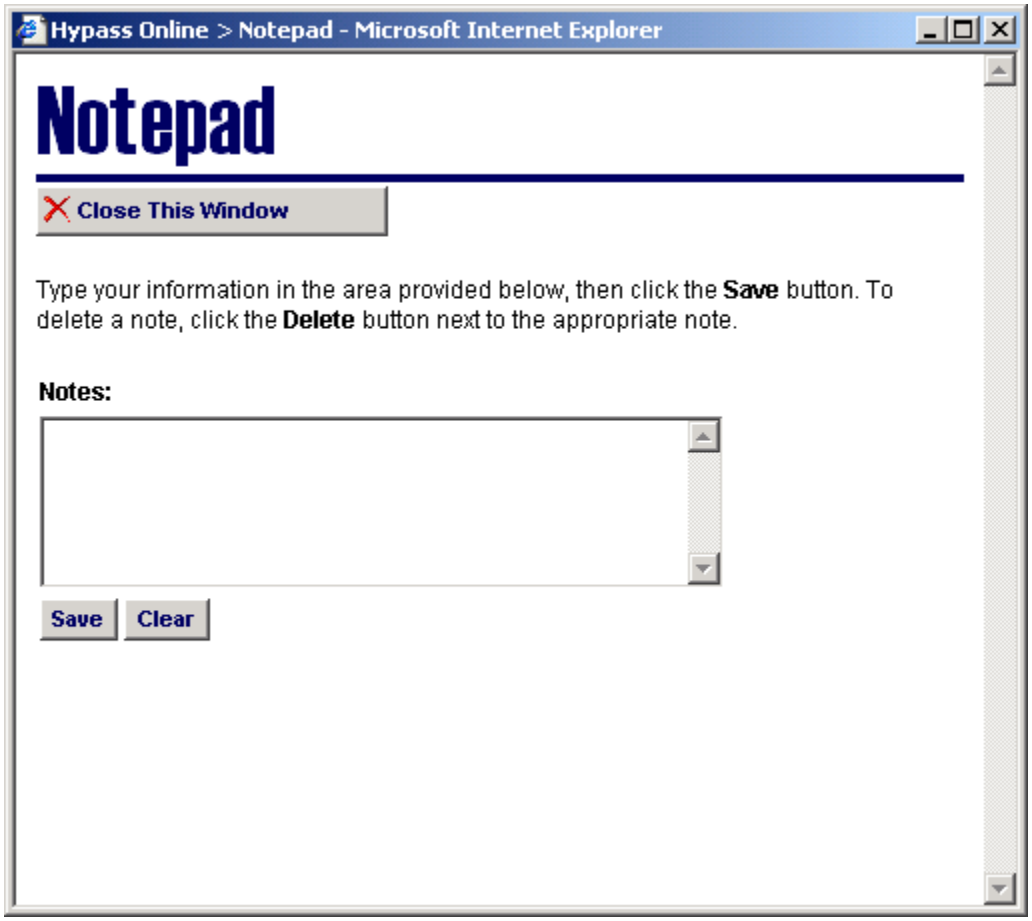


Notepad

From the Home Page, or any page which displays the large buttons on the left of the screen, click on the Notes Pad button:


Hypass Online > Home - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
HYPASS online
Home
Welcome, Wes, to Hypass Online!
Hypass Online is an Aftermarket Information Database accessed through the Internet to provide the authorized end-user with up-to-date parts and service information.
More Information...
Getting Help
A variety of Online Help topics and FAQs (Frequently Asked Questions) are available. You can consult this information at any time by clicking the Online Help button on the left of the screen.
Reporting Problems
The Feedback System allows you to report problems with parts, service, or support data, or the Hypass Online system itself. You can click the data error icon ( ) to report errors or omissions with a specific item. Once a data error or omission report is opened, you can track it's progress through the system until the problem is resolved.
My Hypass Online
User Identification: AHWALT
Company: Hyster
Email: ahwalt@hyster.com
Manage My User Profile
Publication Shopping Carts
You don't have any open publication shopping carts right now.
Manage Publication Shopping Carts
Open Reports
You don't have any open error reports right now.
View All Reports
Home
News & Information
User Profile
Notepad
Parts Data
Service Data
Support Data
Feedback System
Order Publication
Online Help
This information ©2002 Hypass Online
Internet

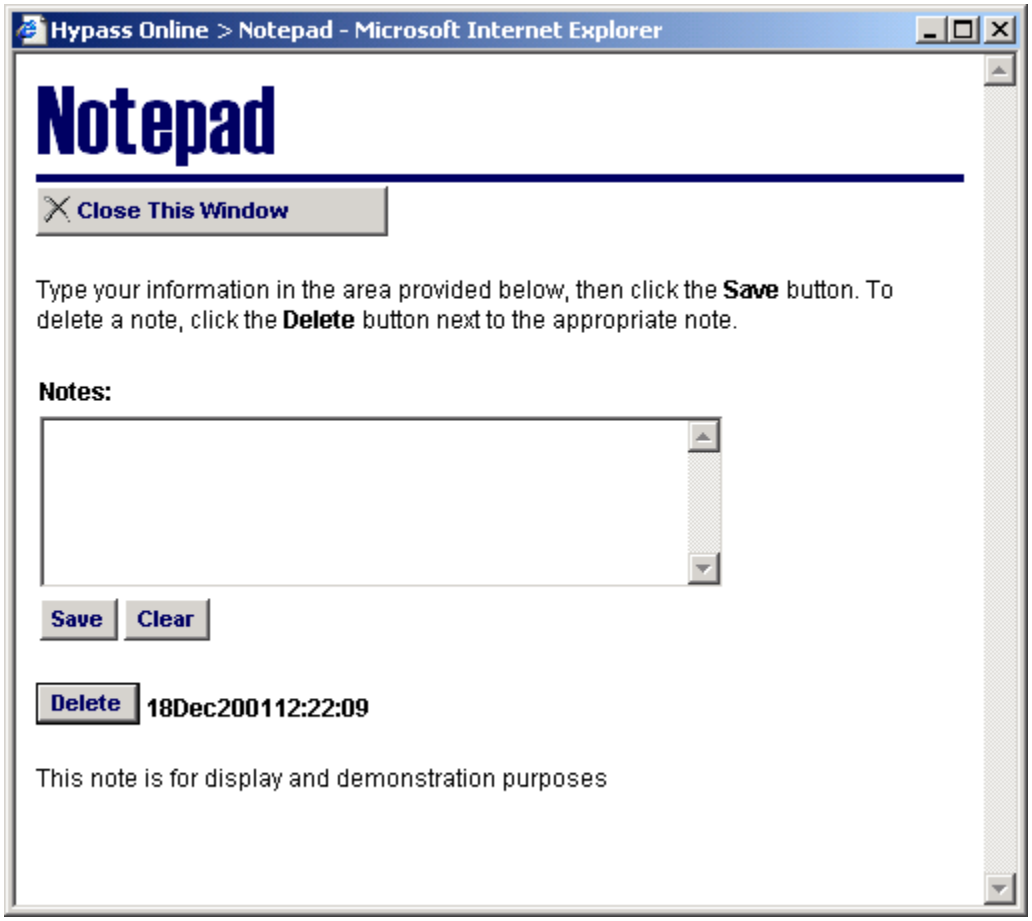
Hypass Online will respond with the following display:


Hypass Online > Notepad - Microsoft Internet Explorer
Notepad
Close This Window
Type your information in the area provided below, then click the Save button. To delete a note, click the Delete button next to the appropriate note.
Notes:
Save
Clear

This note pad is only for the use of the individual creating the note. It is not displayed on Hypass Online drawings or shared with other users from your dealership (future feature). Please note that the notes will display in chronological sequence and cannot be sorted.

To enter a note, place you cursor in the upper left hand corner of the Notes box. Type your note and click the Save button. There is no need to hit the enter key to wrap your message to the next line, the system will wrap the message to the next line automatically.

Here's what the screen will look like after you've clicked the Save button.


Hypass Online > Notepad - Microsoft Internet Explorer
Notepad
Close This Window
Type your information in the area provided below, then click the Save button. To delete a note, click the Delete button next to the appropriate note.
Notes:
Save
Clear
Delete
18Dec200112:22:09
This note is for display and demonstration purposes

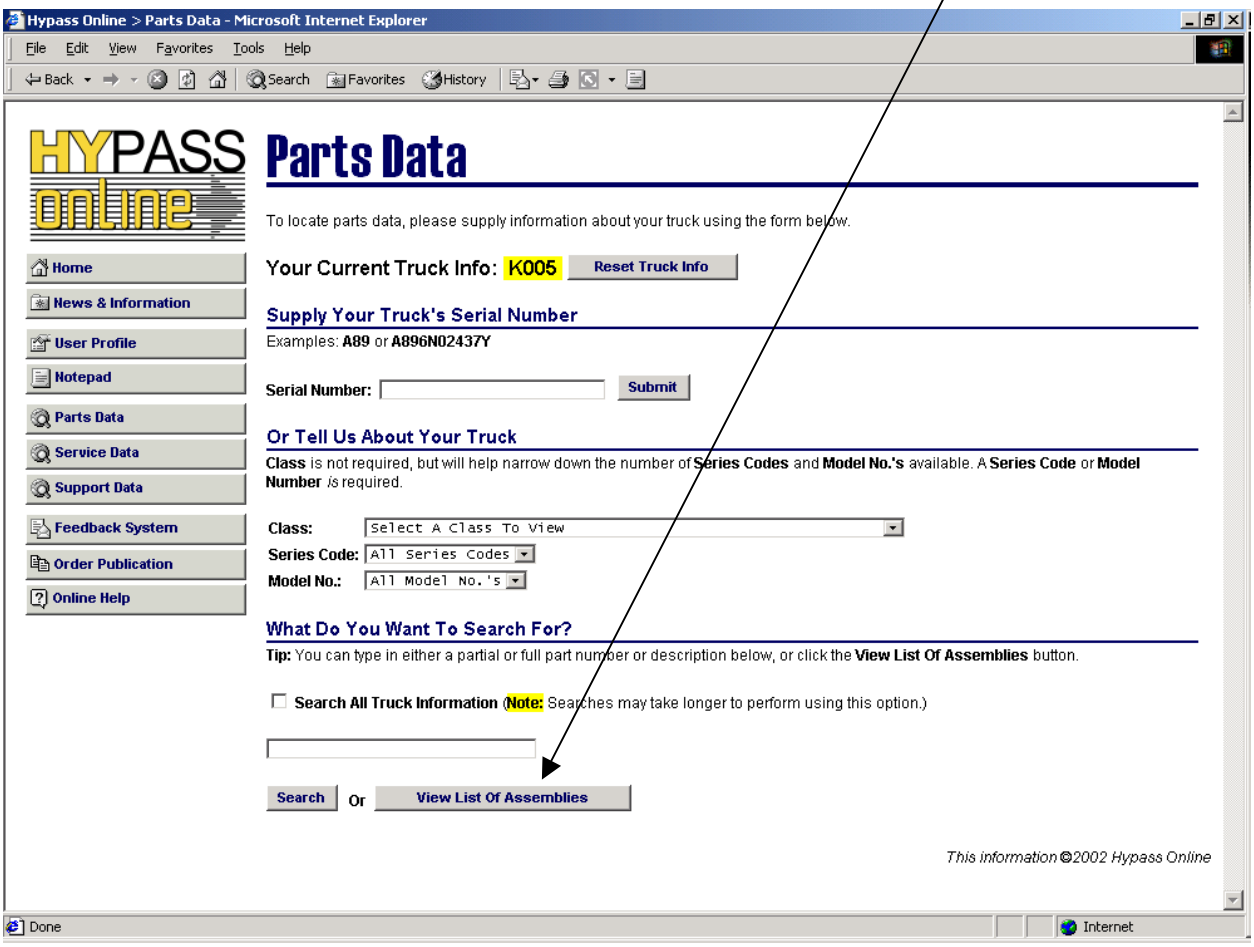
Notice that the note appears at the bottom of the screen and a creation date and time are displayed above the note, next to the "delete" button. To delete the note, simply click on the Delete button located next to the note.

To close the window click on the "Close the Window" button near the top of the page or click the "X" in the upper right hand corner of the screen. Doing so will return you to the Home Page.

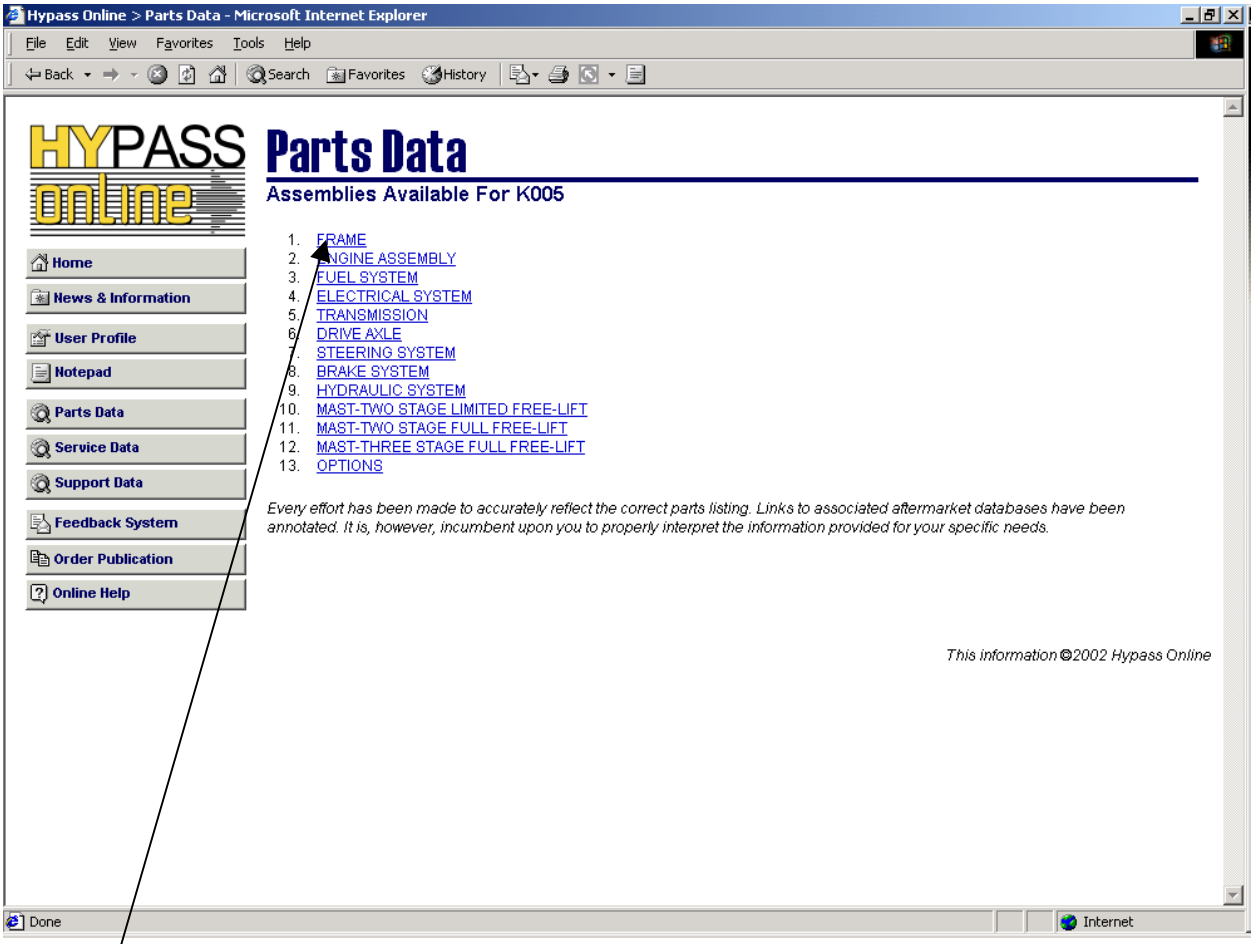
Parts Data

Search by Assemblies

From the Home Page, Click on the Parts Data button, located on the left hand side of the screen. The screen below will display. Enter a partial or full truck serial number, or select truck class series or model code from the “drop down” boxes. Click on the “View List of Assemblies” to view the section table of contents.

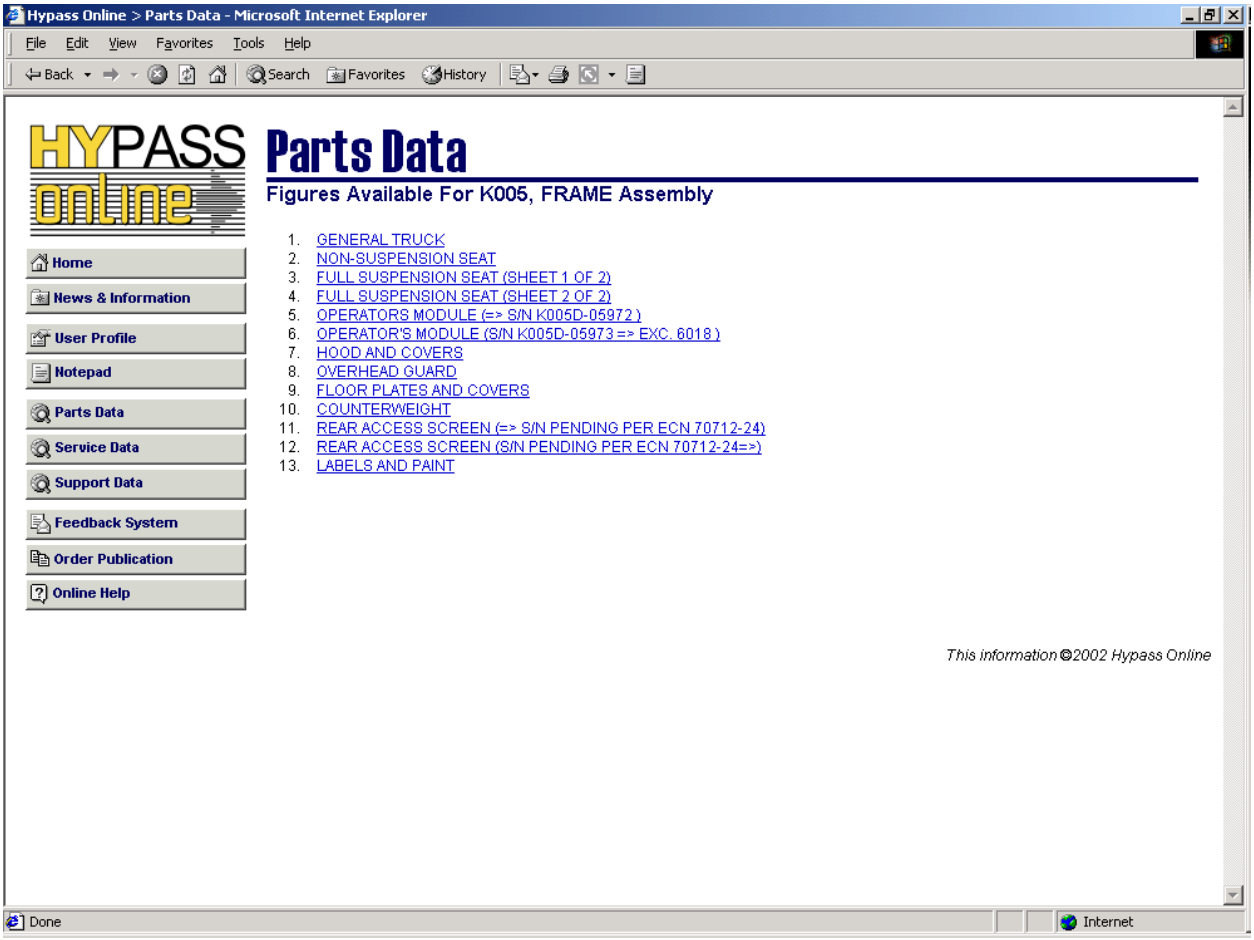

Hypass Online > Parts Data - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
HYPASS online
Parts Data
To locate parts data, please supply information about your truck using the form below.
Home
News & Information
User Profile
Notepad
Parts Data
Service Data
Support Data
Feedback System
Order Publication
Online Help
Your Current Truck Info: K005
Reset Truck Info
Supply Your Truck's Serial Number
Examples: A89 or A896N02437Y
Serial Number:
Submit
Or Tell Us About Your Truck
Class is not required, but will help narrow down the number of Series Codes and Model No.'s available. A Series Code or Model Number is required.
Class: Select A Class To View
Series Code: All Series Codes
Model No.: All Model No.'s
What Do You Want To Search For?
Tip: You can type in either a partial or full part number or description below, or click the View List Of Assemblies button.
Search All Truck Information (Note: Searches may take longer to perform using this option.)
Search
Or
View List Of Assemblies
This information ©2002 Hypass Online
Done
Internet

The system will return the following display, listing the Assemblies Available for this truck:

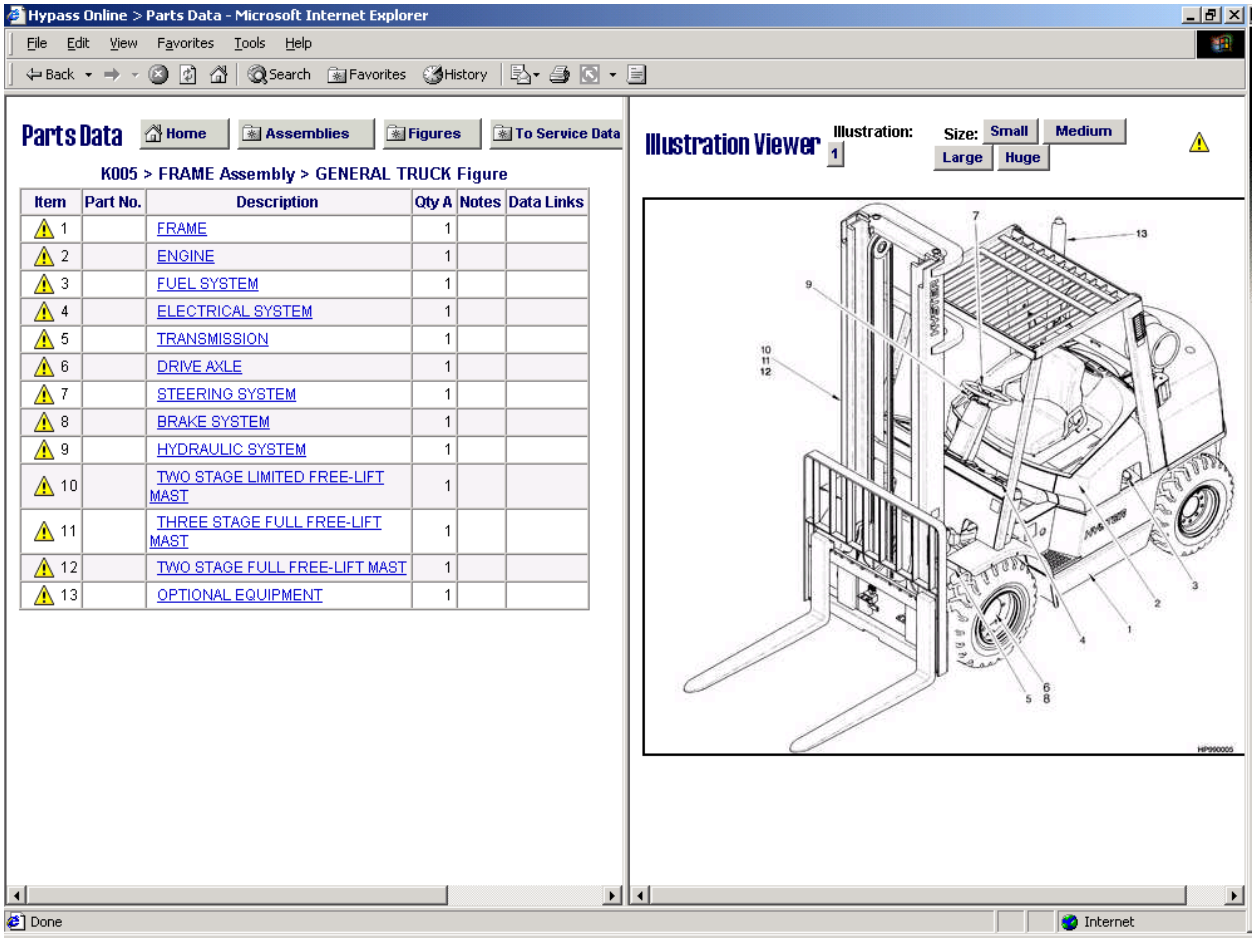

Hypass Online > Parts Data - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
HYPASS online
Parts Data
Assemblies Available For K005
1. FRAME
2. ENGINE ASSEMBLY
3. FUEL SYSTEM
4. ELECTRICAL SYSTEM
5. TRANSMISSION
6. DRIVE AXLE
7. STEERING SYSTEM
8. BRAKE SYSTEM
9. HYDRAULIC SYSTEM
10. MAST-TWO STAGE LIMITED FREE-LIFT
11. MAST-TWO STAGE FULL FREE-LIFT
12. MAST-THREE STAGE FULL FREE-LIFT
13. OPTIONS
Home
News & Information
User Profile
Notepad
Parts Data
Service Data
Support Data
Feedback System
Order Publication
Online Help
Every effort has been made to accurately reflect the correct parts listing. Links to associated aftermarket databases have been annotated. It is, however, incumbent upon you to properly interpret the information provided for your specific needs.
This information ©2002 Hypass Online
Done
Internet

Click on section 1, titled FRAME.

The system displays the following Figures Available page:

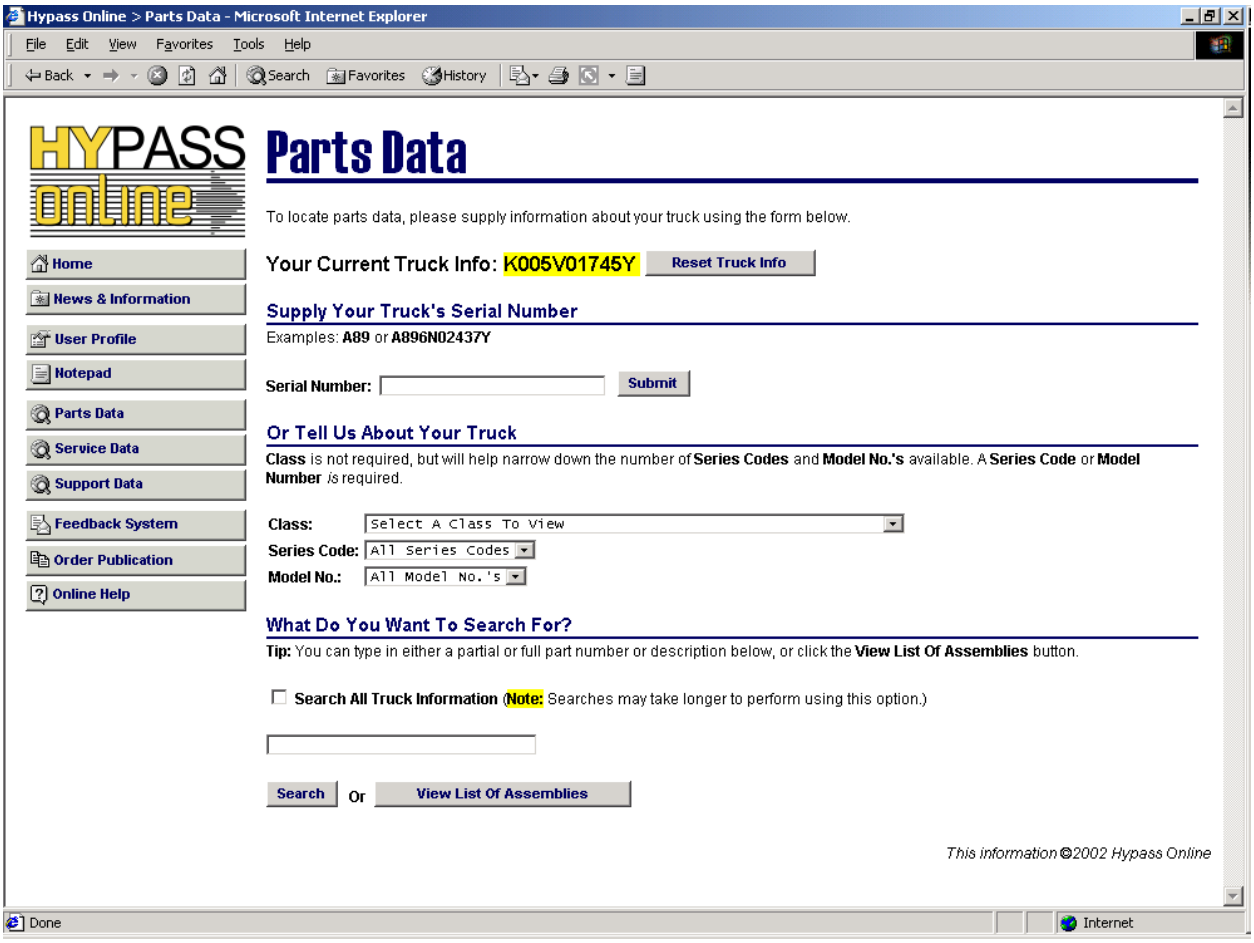

Hypass Online > Parts Data - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
HYPASS online
Home
News & Information
User Profile
Notepad
Parts Data
Service Data
Support Data
Feedback System
Order Publication
Online Help
Parts Data
Figures Available For K005, FRAME Assembly
1. GENERAL TRUCK
2. NON-SUSPENSION SEAT
3. FULL SUSPENSION SEAT (SHEET 1 OF 2)
4. FULL SUSPENSION SEAT (SHEET 2 OF 2)
5. OPERATORS MODULE (=> S/N K005D-05972)
6. OPERATOR'S MODULE (S/N K005D-05973 => EXC. 6018)
7. HOOD AND COVERS
8. OVERHEAD GUARD
9. FLOOR PLATES AND COVERS
10. COUNTERWEIGHT
11. REAR ACCESS SCREEN (=> S/N PENDING PER ECN 70712-24)
12. REAR ACCESS SCREEN (S/N PENDING PER ECN 70712-24=>)
13. LABELS AND PAINT
This information ©2002 Hypass Online
Done
Internet

Clicking on the Section #1 (General Truck) will display the following page:

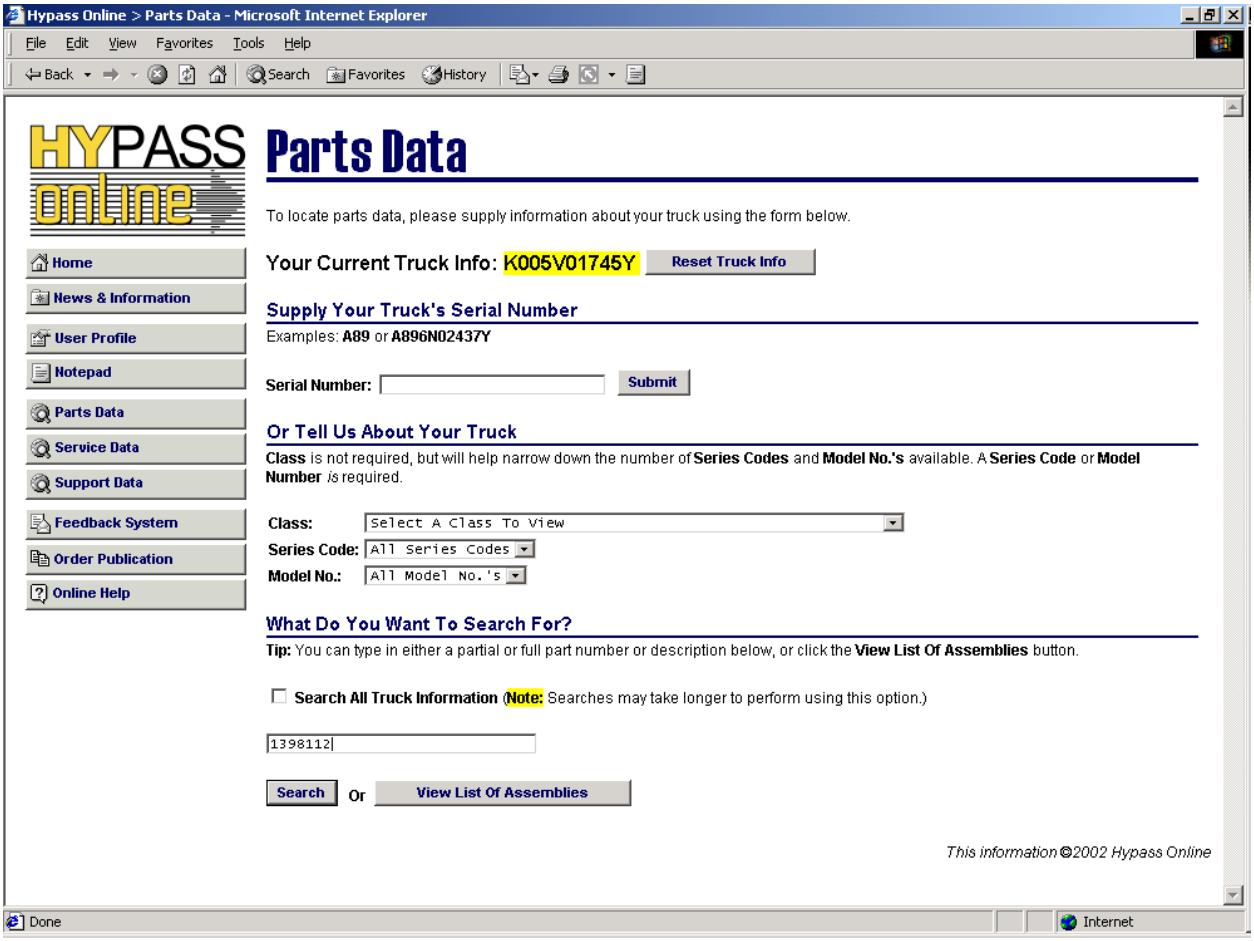

Hypass Online > Parts Data - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
Parts Data
Home
Assemblies
Figures
To Service Data
K005 > FRAME Assembly > GENERAL TRUCK Figure
Item | Part No. | Description | Qty A | Notes | Data Links
1 FRAME 1
2 ENGINE 1
3 FUEL SYSTEM 1
4 ELECTRICAL SYSTEM 1
5 TRANSMISSION 1
6 DRIVE AXLE 1
7 STEERING SYSTEM 1
8 BRAKE SYSTEM 1
9 HYDRAULIC SYSTEM 1
10 TWO STAGE LIMITED FREE-LIFT MAST 1
11 THREE STAGE FULL FREE-LIFT MAST 1
12 TWO STAGE FULL FREE-LIFT MAST 1
13 OPTIONAL EQUIPMENT 1
Illustration Viewer
Illustration: 1
Size: Small Medium Large Huge
Done
Internet

Search for Part using Truck Serial Number

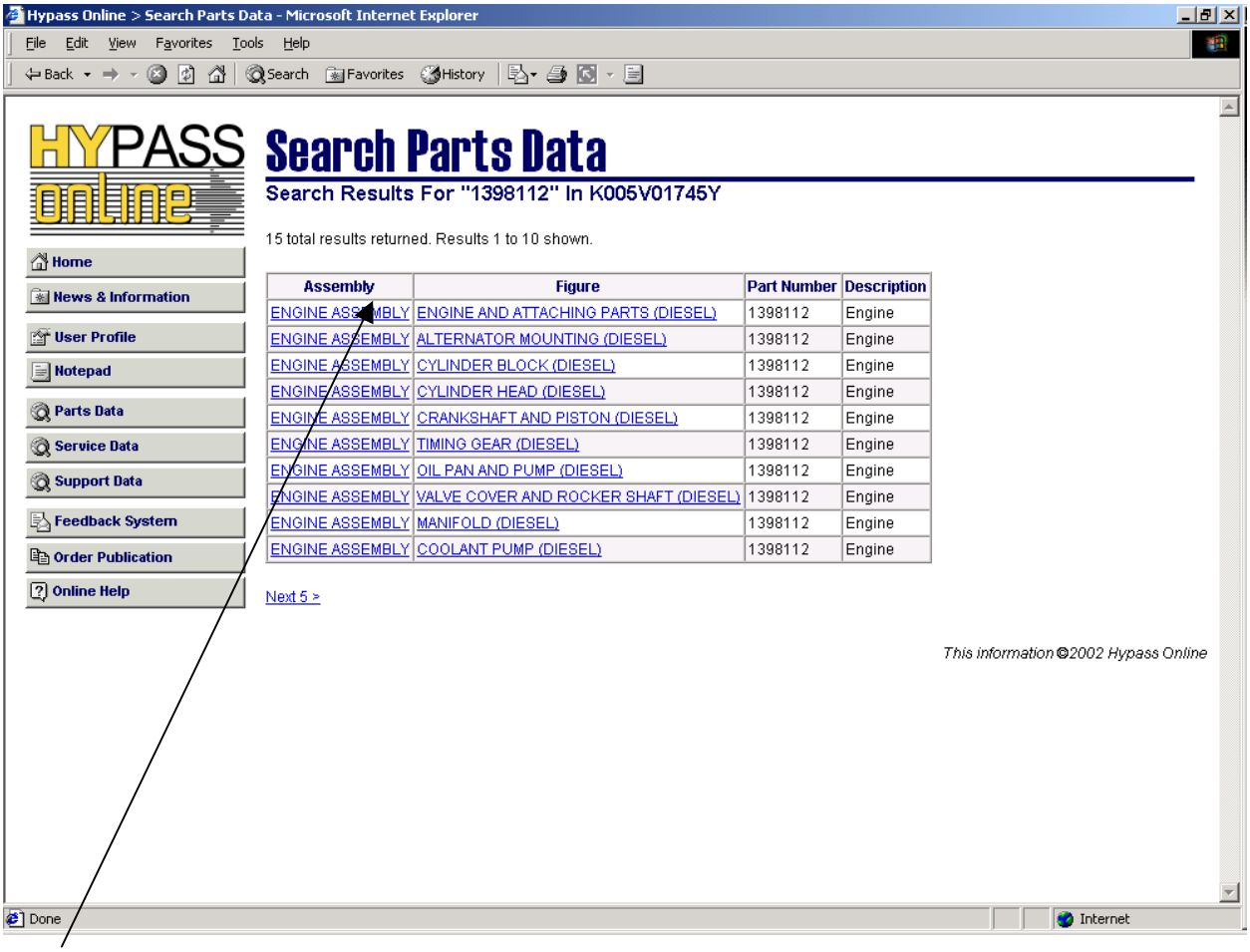
On the Parts Data screen, enter the Serial Number or Series code of the truck you want to view and click “submit. Series code K005 was selected for our example. You will be presented with the serial numbers available for the criteria entered. Serial number k005v01745y was selected.


Hypass Online > Parts Data - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
HYPASS online
Parts Data
To locate parts data, please supply information about your truck using the form below.
Home
News & Information
User Profile
Notepad
Parts Data
Service Data
Support Data
Feedback System
Order Publication
Online Help
Your Current Truck Info: K005V01745Y
Reset Truck Info
Supply Your Truck's Serial Number
Examples: A89 or A896N02437Y
Serial Number:
Submit
Or Tell Us About Your Truck
Class is not required, but will help narrow down the number of Series Codes and Model No.'s available. A Series Code or Model Number is required.
Class: Select A Class To View
Series Code: All Series Codes
Model No.: All Model No.'s
What Do You Want To Search For?
Tip: You can type in either a partial or full part number or description below, or click the View List Of Assemblies button.
Search All Truck Information (Note: Searches may take longer to perform using this option.)
Search
Or
View List Of Assemblies
This information ©2002 Hypass Online
Done
Internet

The system will respond with the following screen. Enter the part number (we're using p/n 1398112) you're searching for in the box at the bottom of the screen, in the "What Do You Want To Search For?" section.

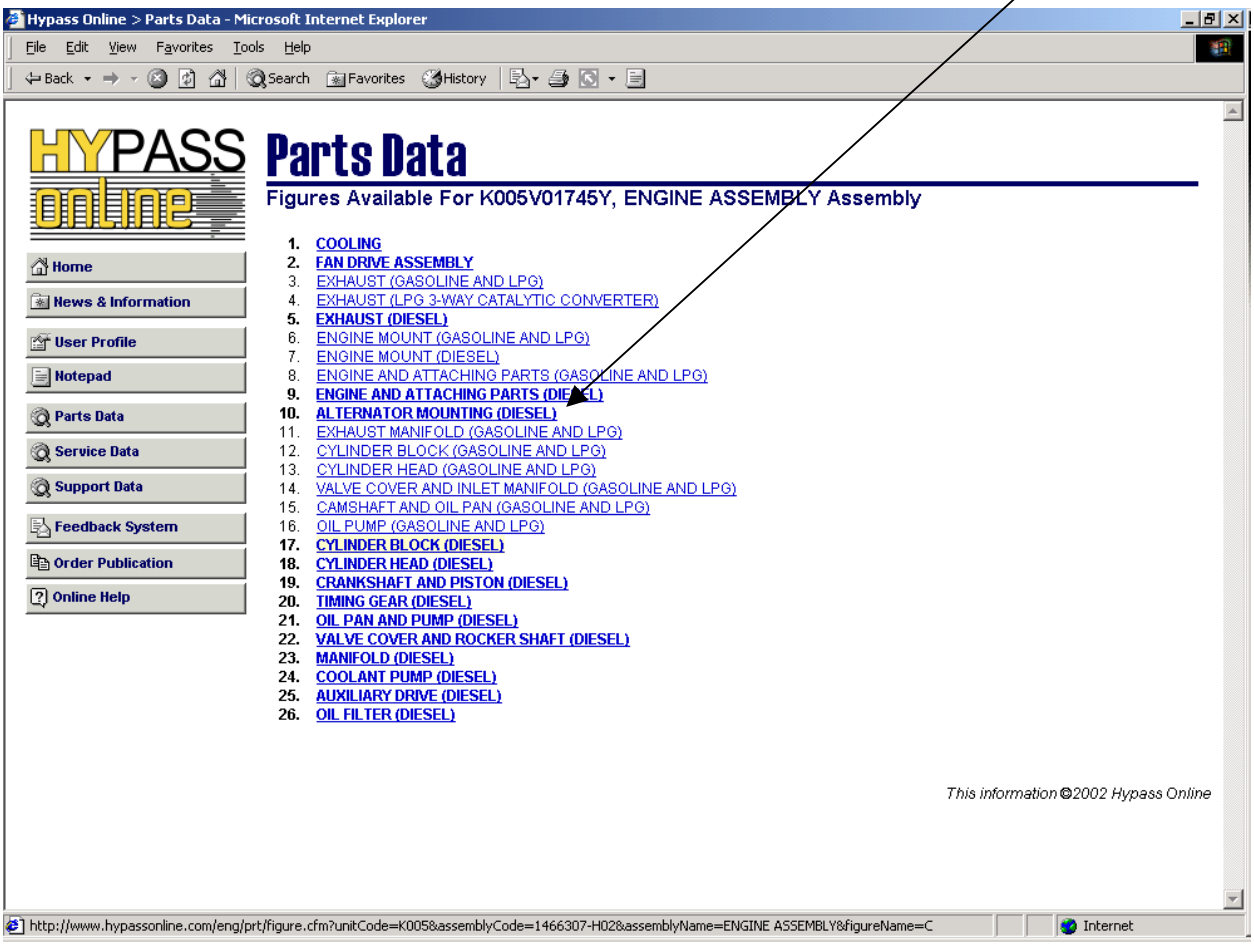

Hypass Online > Parts Data - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
HYPASS online
Parts Data
To locate parts data, please supply information about your truck using the form below.
Home
News & Information
User Profile
Notepad
Parts Data
Service Data
Support Data
Feedback System
Order Publication
Online Help
Your Current Truck Info: K005V01745Y
Reset Truck Info
Supply Your Truck's Serial Number
Examples: A89 or A896N02437Y
Serial Number:
Submit
Or Tell Us About Your Truck
Class is not required, but will help narrow down the number of Series Codes and Model No.'s available. A Series Code or Model Number is required.
Class: Select A Class To View
Series Code: All Series Codes
Model No.: All Model No.'s
What Do You Want To Search For?
Tip: You can type in either a partial or full part number or description below, or click the View List Of Assemblies button.
Search All Truck Information (Note: Searches may take longer to perform using this option.)
1398112
Search
Or
View List Of Assemblies
This information ©2002 Hypass Online
Done
Internet

Click the Search button and the system will respond with the following screen:

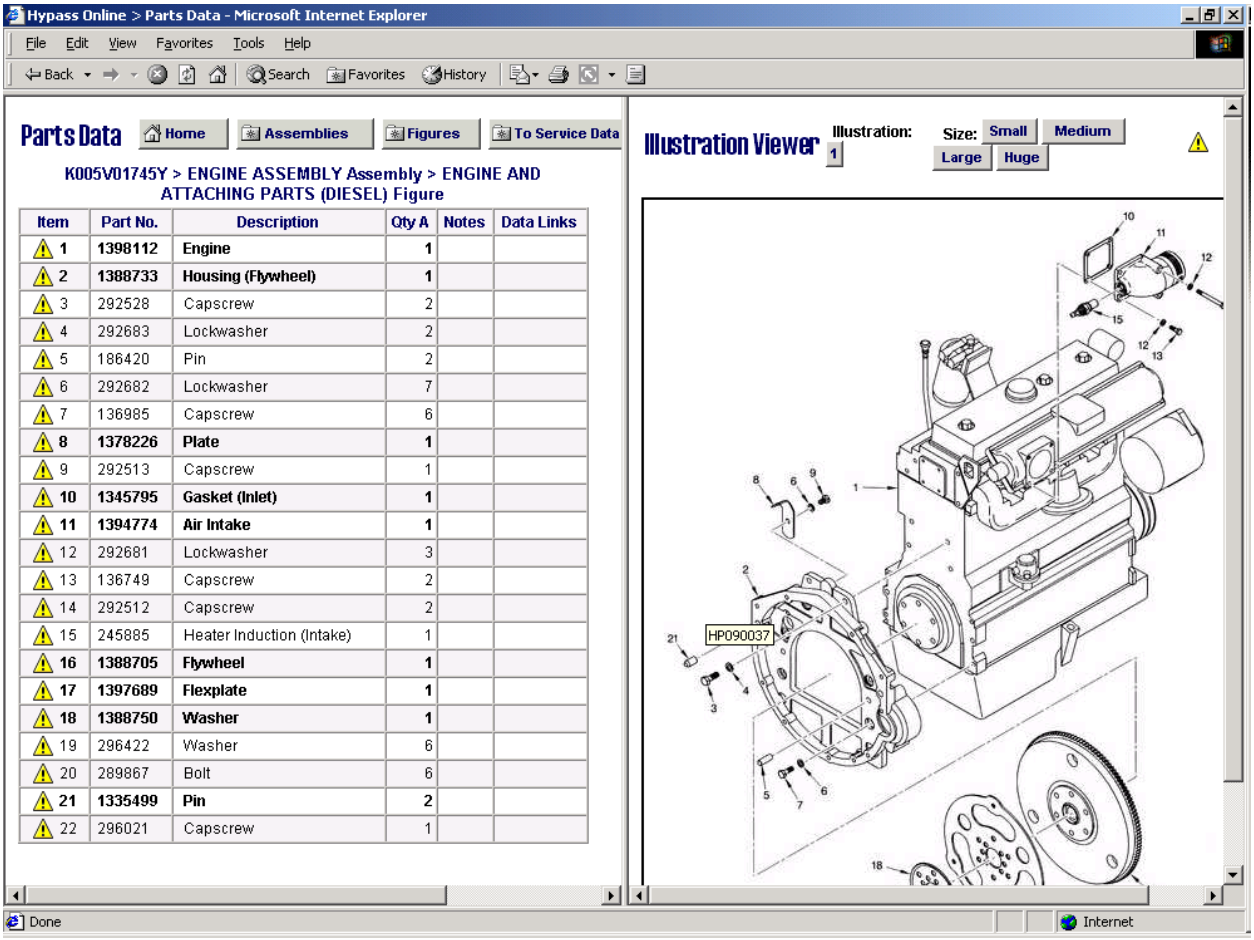

Hypass Online > Search Parts Data - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
HYPASS online
Search Parts Data
Search Results For "1398112" In K005V01745Y
15 total results returned. Results 1 to 10 shown.
Home
News & Information
User Profile
Notepad
Parts Data
Service Data
Support Data
Feedback System
Order Publication
Online Help
Assembly | Figure | Part Number | Description
ENGINE ASSEMBLY | ENGINE AND ATTACHING PARTS (DIESEL) | 1398112 | Engine
ENGINE ASSEMBLY | ALTERNATOR MOUNTING (DIESEL) | 1398112 | Engine
ENGINE ASSEMBLY | CYLINDER BLOCK (DIESEL) | 1398112 | Engine
ENGINE ASSEMBLY | CYLINDER HEAD (DIESEL) | 1398112 | Engine
ENGINE ASSEMBLY | CRANKSHAFT AND PISTON (DIESEL) | 1398112 | Engine
ENGINE ASSEMBLY | TIMING GEAR (DIESEL) | 1398112 | Engine
ENGINE ASSEMBLY | OIL PAN AND PUMP (DIESEL) | 1398112 | Engine
ENGINE ASSEMBLY | VALVE COVER AND ROCKER SHAFT (DIESEL) | 1398112 | Engine
ENGINE ASSEMBLY | MANIFOLD (DIESEL) | 1398112 | Engine
ENGINE ASSEMBLY | COOLANT PUMP (DIESEL) | 1398112 | Engine
Next 5 >
This information ©2002 Hypass Online
Done
Internet

Click the Engine and Attaching Parts (Diesel) Assembly Figure.

The system will respond with the following display. The engine being searched appears as the first part number on the list (1398112). All available figures for this truck model will appear. Note the items appearing in "**BOLD**" letters pertain to this specific truck serial number. Click on Figure 9 - ENGINE AND ATTACHING PARTS (DIESEL).


Hypass Online > Parts Data - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
HYPASS online
Parts Data
Figures Available For K005V01745Y, ENGINE ASSEMBLY Assembly
Home
News & Information
User Profile
Notepad
Parts Data
Service Data
Support Data
Feedback System
Order Publication
Online Help
1. COOLING
2. FAN DRIVE ASSEMBLY
3. EXHAUST (GASOLINE AND LPG)
4. EXHAUST (LPG 3-WAY CATALYTIC CONVERTER)
5. EXHAUST (DIESEL)
6. ENGINE MOUNT (GASOLINE AND LPG)
7. ENGINE MOUNT (DIESEL)
8. ENGINE AND ATTACHING PARTS (GASOLINE AND LPG)
9. ENGINE AND ATTACHING PARTS (DIESEL)
10. ALTERNATOR MOUNTING (DIESEL)
11. EXHAUST MANIFOLD (GASOLINE AND LPG)
12. CYLINDER BLOCK (GASOLINE AND LPG)
13. CYLINDER HEAD (GASOLINE AND LPG)
14. VALVE COVER AND INLET MANIFOLD (GASOLINE AND LPG)
15. CAMSHAFT AND OIL PAN (GASOLINE AND LPG)
16. OIL PUMP (GASOLINE AND LPG)
17. CYLINDER BLOCK (DIESEL)
18. CYLINDER HEAD (DIESEL)
19. CRANKSHAFT AND PISTON (DIESEL)
20. TIMING GEAR (DIESEL)
21. OIL PAN AND PUMP (DIESEL)
22. VALVE COVER AND ROCKER SHAFT (DIESEL)
23. MANIFOLD (DIESEL)
24. COOLANT PUMP (DIESEL)
25. AUXILIARY DRIVE (DIESEL)
26. OIL FILTER (DIESEL)
This information ©2002 Hypass Online
http://www.hypassonline.com/eng/prt/figure.cfm?unitCode=K005&assemblyCode=1466307-H02&assemblyName=ENGINE ASSEMBLY&figureName=C
Internet

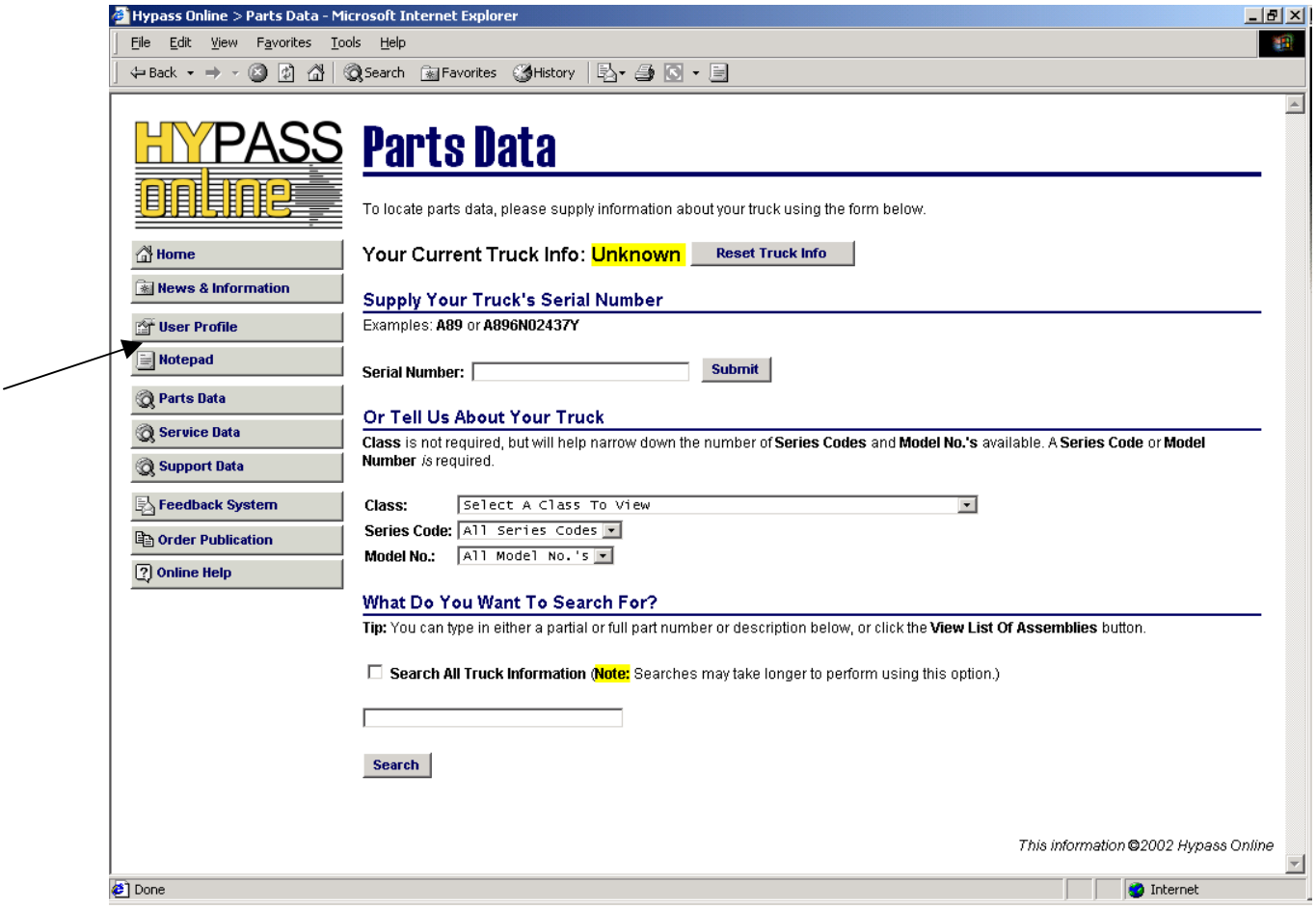
The system will respond with the following display. The engine being searched is the first part number on the list (1398112). Again, since we've selected a specific truck by serial number, only items displayed in **BOLD** characters pertain to the truck as built.



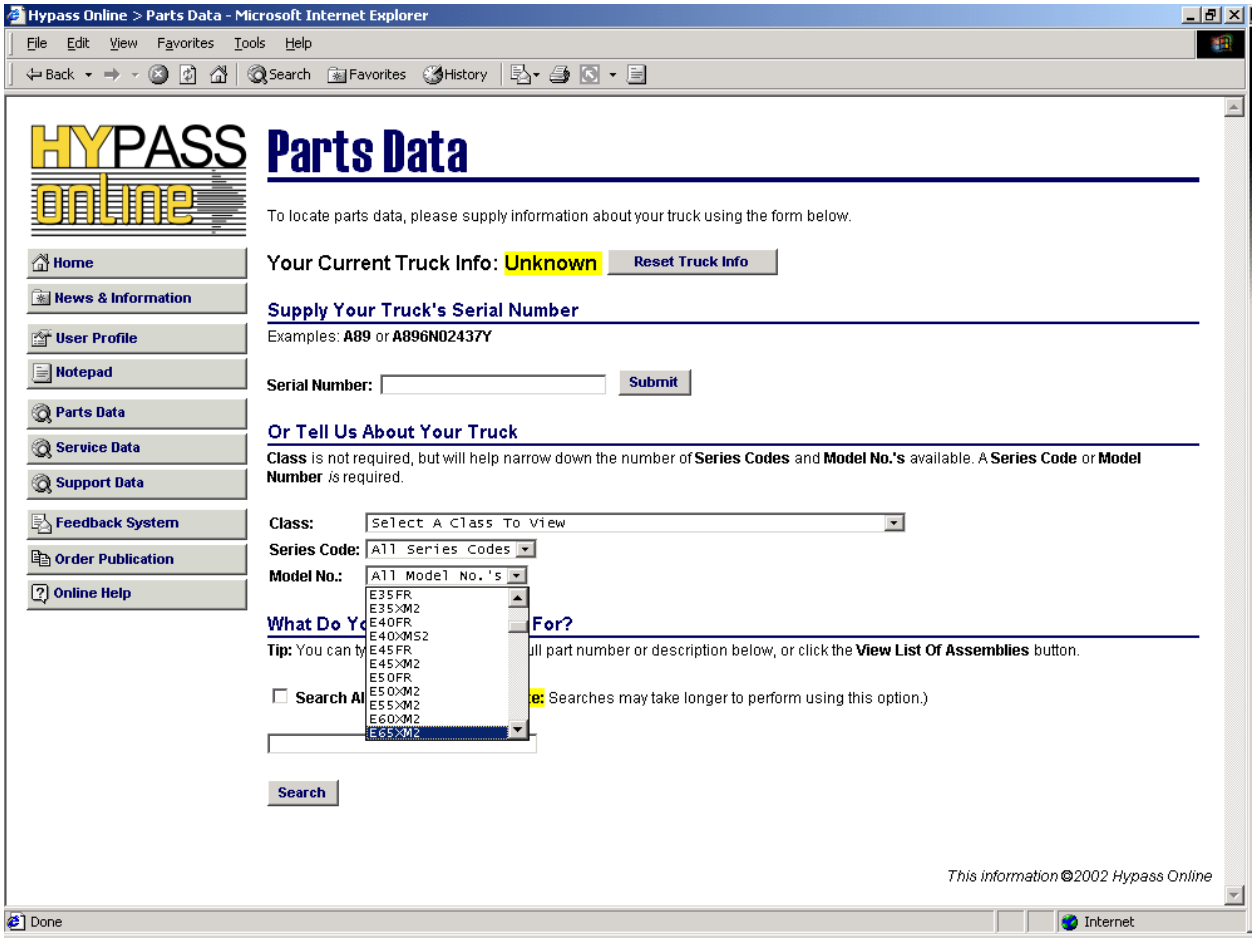
Item	Part No.	Description	Qty A	Notes	Data Links
1	**1398112**	**Engine**	**1**		
2	**1388733**	**Housing (Flywheel)**	**1**		
3	292528	Capscrew	2		
4	292683	Lockwasher	2		
5	186420	Pin	2		
6	292682	Lockwasher	7		
7	136985	Capscrew	6		
8	**1378226**	**Plate**	**1**		
9	292513	Capscrew	1		
10	**1345795**	**Gasket (Inlet)**	**1**		
11	**1394774**	**Air Intake**	**1**		
12	292681	Lockwasher	3		
13	136749	Capscrew	2		
14	292512	Capscrew	2		
15	245885	Heater Induction (Intake)	1		
16	**1388705**	**Flywheel**	**1**		
17	**1397689**	**Flexplate**	**1**		
18	**1388750**	**Washer**	**1**		
19	296422	Washer	6		
20	289867	Bolt	6		
21	**1335499**	**Pin**	**2**		
22	296021	Capscrew	1		

Search for Part Using Model Code

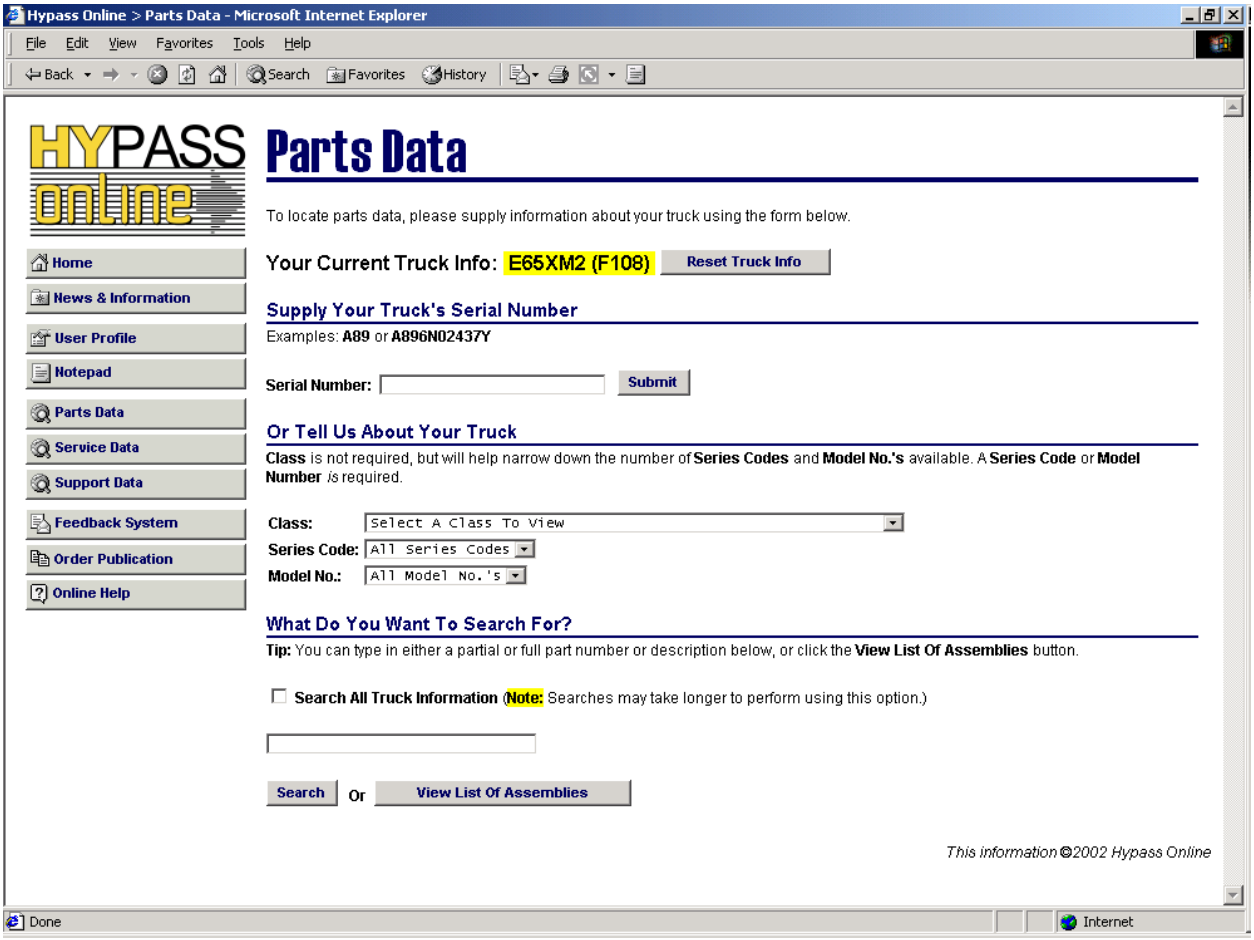
From the Home Page, click on the large gray button titled “Parts Data”. The following page will appear:


Hypass Online > Parts Data - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
HYPASS online
Parts Data
To locate parts data, please supply information about your truck using the form below.
Home
News & Information
User Profile
Notepad
Parts Data
Service Data
Support Data
Feedback System
Order Publication
Online Help
Your Current Truck Info: Unknown
Reset Truck Info
Supply Your Truck's Serial Number
Examples: A89 or A896N02437Y
Serial Number:
Submit
Or Tell Us About Your Truck
Class is not required, but will help narrow down the number of Series Codes and Model No.'s available. A Series Code or Model Number is required.
Class: Select A Class To View
Series Code: All Series Codes
Model No.: All Model No.'s
What Do You Want To Search For?
Tip: You can type in either a partial or full part number or description below, or click the View List Of Assemblies button.
Search All Truck Information (Note: Searches may take longer to perform using this option.)
Search
This information ©2002 Hypass Online
Done
Internet

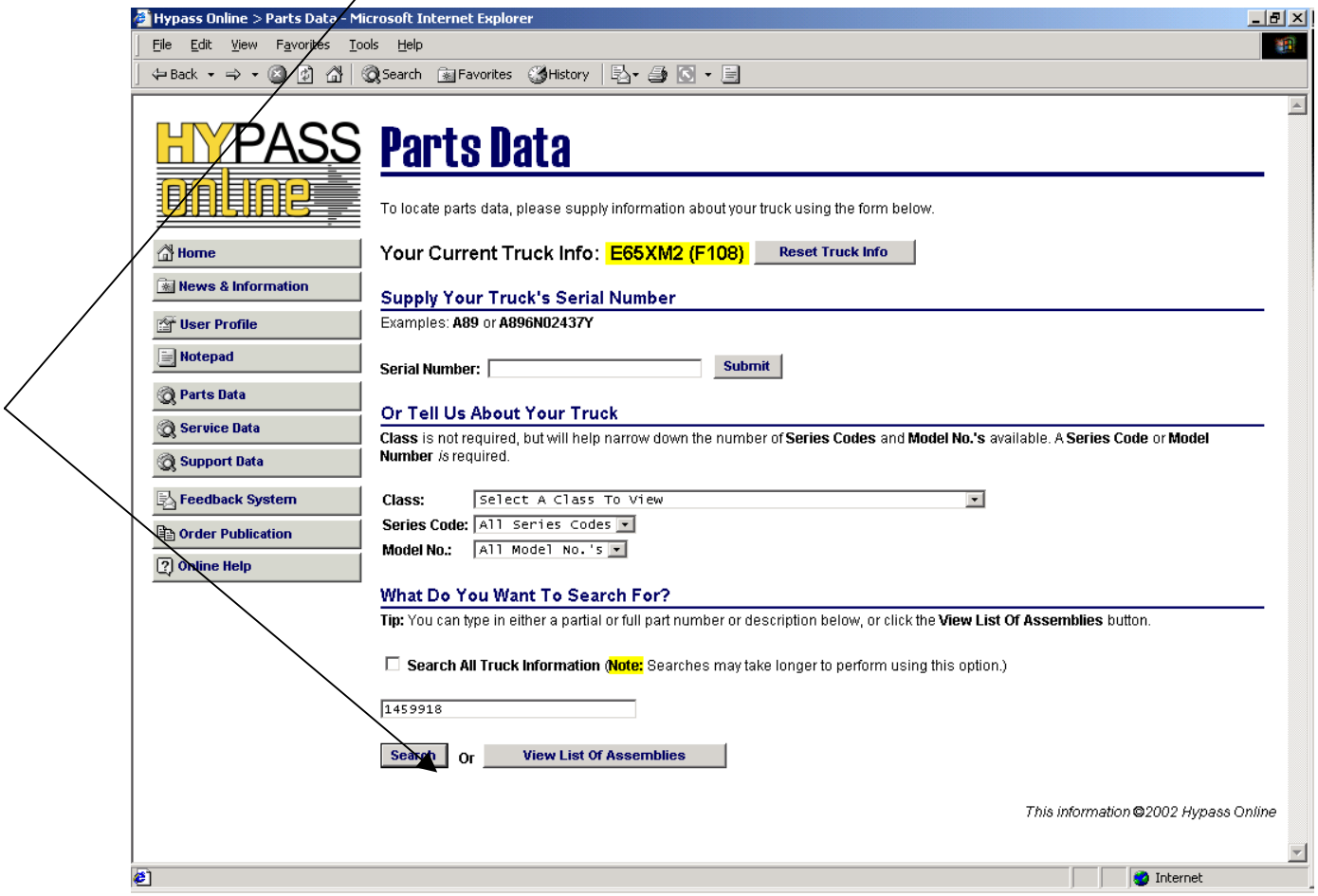
If you know the model code of the truck for the parts you are trying to locate, click on the drop-down arrow of the model code field, and select the model code. We are using model code E65XM2 for our example.



The screen should appear as follows once you've selected the model code:

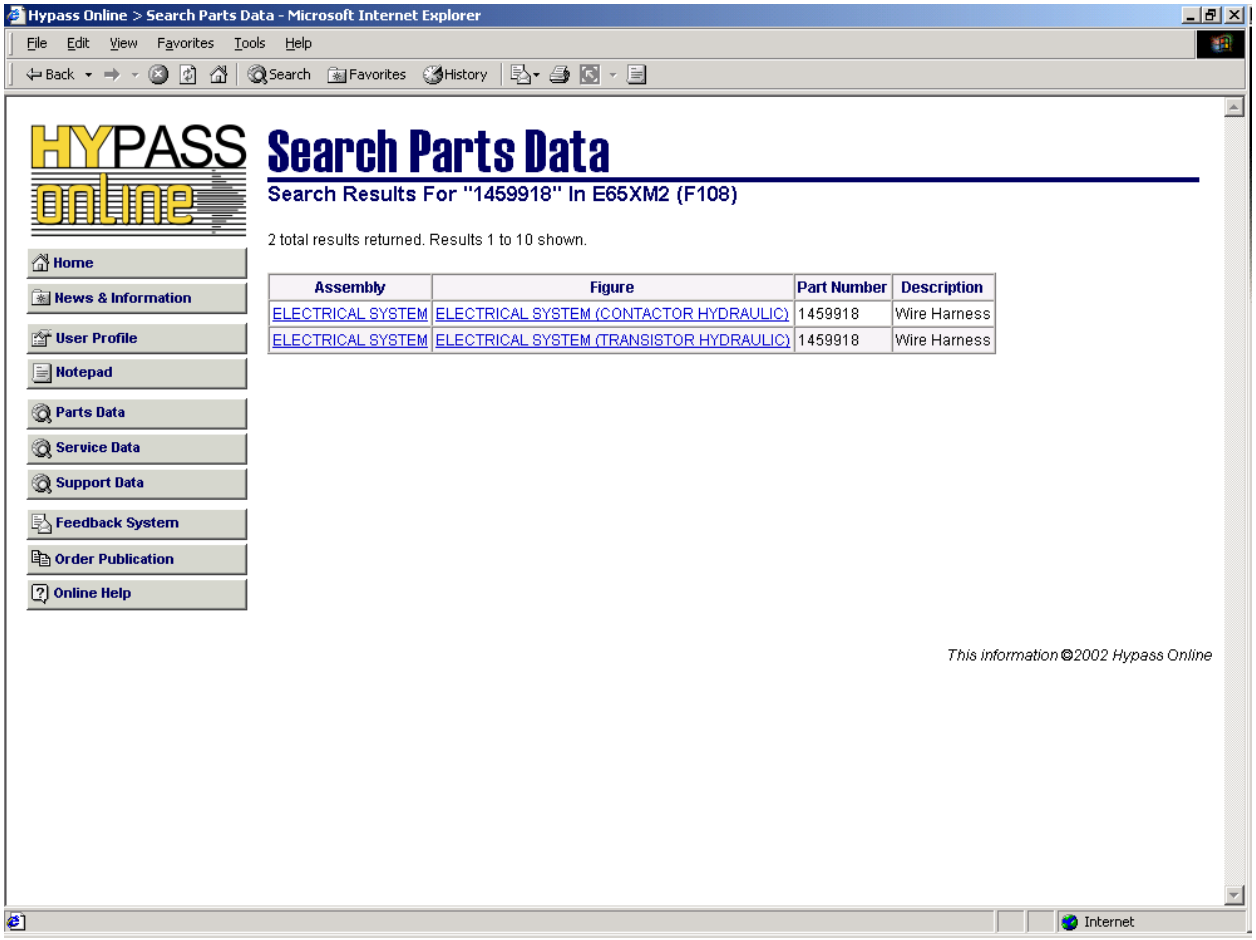

Hypass Online > Parts Data - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
HYPASS online
Parts Data
To locate parts data, please supply information about your truck using the form below.
Home
News & Information
User Profile
Notepad
Parts Data
Service Data
Support Data
Feedback System
Order Publication
Online Help
Your Current Truck Info: E65XM2 (F108)
Reset Truck Info
Supply Your Truck's Serial Number
Examples: A89 or A896N02437Y
Serial Number:
Submit
Or Tell Us About Your Truck
Class is not required, but will help narrow down the number of Series Codes and Model No.'s available. A Series Code or Model Number is required.
Class: Select A Class To View
Series Code: All Series Codes
Model No.: All Model No.'s
What Do You Want To Search For?
Tip: You can type in either a partial or full part number or description below, or click the View List Of Assemblies button.
Search All Truck Information (Note: Searches may take longer to perform using this option.)
Search
Or
View List Of Assemblies
This information ©2002 Hypass Online
Done
Internet

Enter the part number desired in the large box located under the “What do you want to search for?” section at the bottom of the screen. The screen should appear as follows before you click the Search button, located at the bottom of the screen. Please note we are using part number 1459918 in our example:


Hypass Online > Parts Data - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
HYPASS online
Parts Data
To locate parts data, please supply information about your truck using the form below.
Home
News & Information
User Profile
Notepad
Parts Data
Service Data
Support Data
Feedback System
Order Publication
Online Help
Your Current Truck Info: E65XM2 (F108)
Reset Truck Info
Supply Your Truck's Serial Number
Examples: A89 or A896N02437Y
Serial Number:
Submit
Or Tell Us About Your Truck
Class is not required, but will help narrow down the number of Series Codes and Model No.'s available. A Series Code or Model Number is required.
Class: Select A Class To View
Series Code: All Series Codes
Model No.: All Model No.'s
What Do You Want To Search For?
Tip: You can type in either a partial or full part number or description below, or click the View List Of Assemblies button.
Search All Truck Information (Note: Searches may take longer to perform using this option.)
1459918
Search
Or
View List Of Assemblies
This information ©2002 Hypass Online
Internet

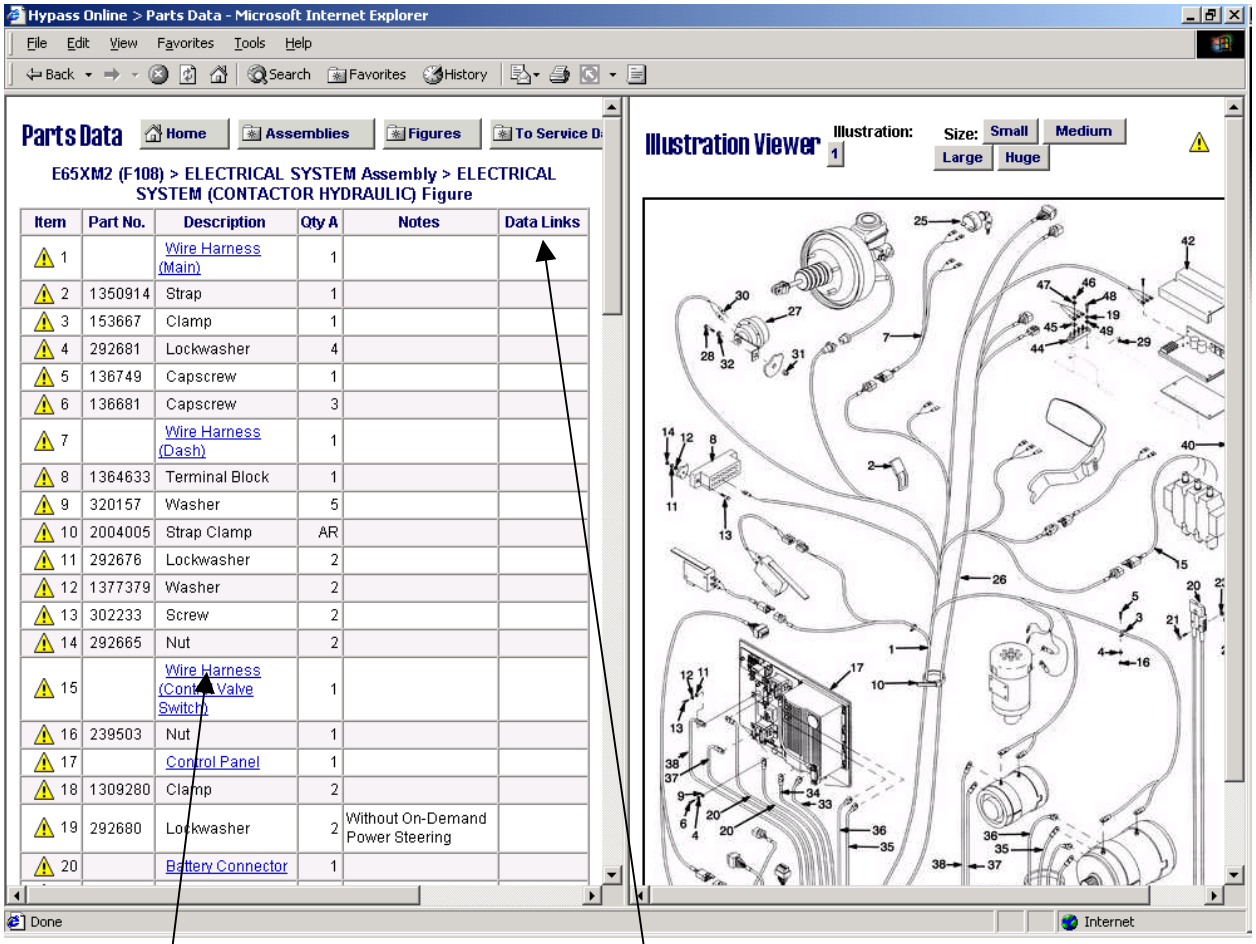
Please note: Partial part numbers (less than seven digits) can also be entered and searched.

The system will return the following search results page for part number 1459918, having located two (Contactor Hydraulic and Transistor Hydraulic) master parts pages:



Click on the master parts page that you would like to review.

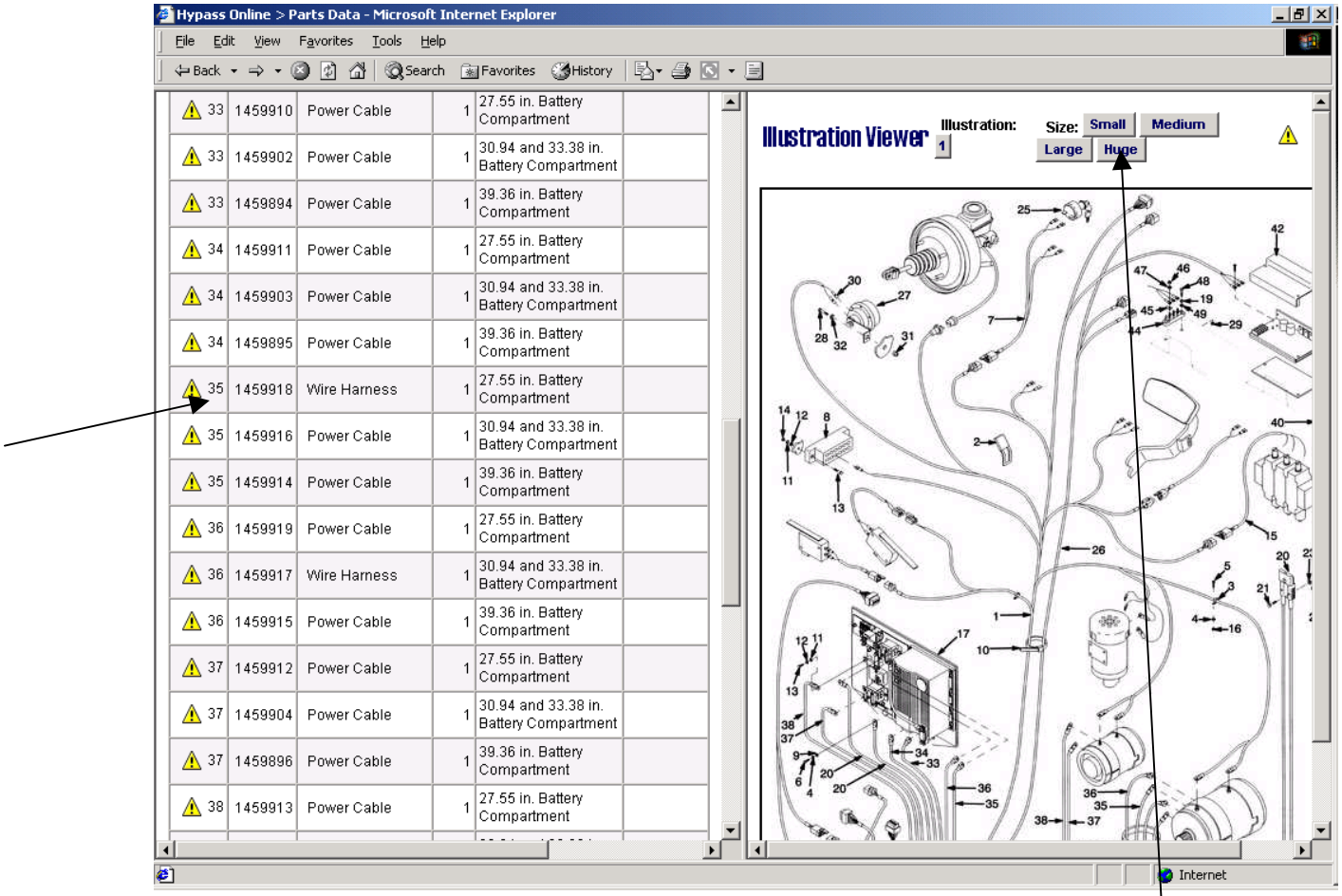
For our example, we will click on the first record and the system returns the following display:


Hypass Online > Parts Data - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
Parts Data
Home
Assemblies
Figures
To Service D
E65XM2 (F108) > ELECTRICAL SYSTEM Assembly > ELECTRICAL SYSTEM (CONTACTOR HYDRAULIC) Figure
Item | Part No. | Description | Qty A | Notes | Data Links
1 | | Wire Harness (Main) | 1 |
2 | 1350914 | Strap | 1 |
3 | 153667 | Clamp | 1 |
4 | 292681 | Lockwasher | 4 |
5 | 136749 | Capscrew | 1 |
6 | 136681 | Capscrew | 3 |
7 | | Wire Harness (Dash) | 1 |
8 | 1364633 | Terminal Block | 1 |
9 | 320157 | Washer | 5 |
10 | 2004005 | Strap Clamp | AR |
11 | 292676 | Lockwasher | 2 |
12 | 1377379 | Washer | 2 |
13 | 302233 | Screw | 2 |
14 | 292665 | Nut | 2 |
15 | | Wire Harness (Cont Valve Switch) | 1 |
16 | 239503 | Nut | 1 |
17 | | Control Panel | 1 |
18 | 1309280 | Clamp | 2 |
19 | 292680 | Lockwasher | 2 | Without On-Demand Power Steering |
20 | | Battery Connector | 1 |
Illustration Viewer
Illustration: 1
Size: Small Medium Large Huge
Done
Internet

Using the scroll bar located to the right of the parts list, you can scroll down the list of part numbers to locate the wire harness (p/n 1459918).

Note: For items not showing part numbers, click on the underlined description (indicates link to additional information) to view a list of parts and the illustration for an assembly. In the Data Links column, you will also see **"RSPL**" (recommended service parts list) and "**Grams**" beside parts for which there is a link built to additional information of these types.

The wire harness is displayed as item number 35 on the parts list, displayed as follows:


Hypass Online > Parts Data - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
Illustration Viewer
Illustration: 1
Size: Small Medium Large Huge
Internet

33	1459910	Power Cable	1	27.55 in. Battery Compartment
33	1459902	Power Cable	1	30.94 and 33.38 in. Battery Compartment
33	1459894	Power Cable	1	39.36 in. Battery Compartment
34	1459911	Power Cable	1	27.55 in. Battery Compartment
34	1459903	Power Cable	1	30.94 and 33.38 in. Battery Compartment
34	1459895	Power Cable	1	39.36 in. Battery Compartment
35	1459918	Wire Harness	1	27.55 in. Battery Compartment
35	1459916	Power Cable	1	30.94 and 33.38 in. Battery Compartment
35	1459914	Power Cable	1	39.36 in. Battery Compartment
36	1459919	Power Cable	1	27.55 in. Battery Compartment
36	1459917	Wire Harness	1	30.94 and 33.38 in. Battery Compartment
36	1459915	Power Cable	1	39.36 in. Battery Compartment
37	1459912	Power Cable	1	27.55 in. Battery Compartment
37	1459904	Power Cable	1	30.94 and 33.38 in. Battery Compartment
37	1459896	Power Cable	1	39.36 in. Battery Compartment
38	1459913	Power Cable	1	27.55 in. Battery Compartment

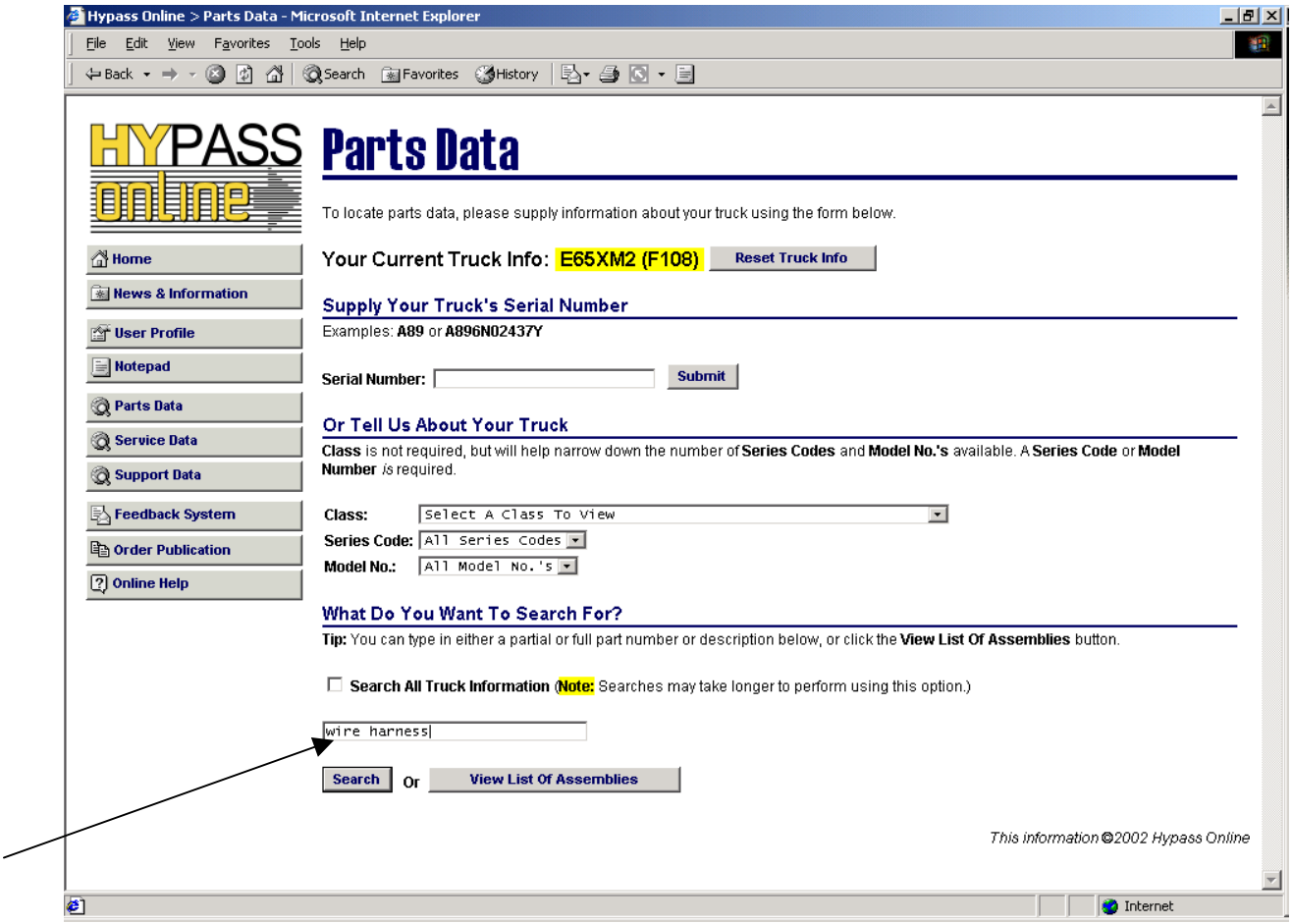
You can also move the scroll bar to the right of the drawing to view more of the drawing.

You can change the size of the drawing by clicking on the Small, Medium, Large or Huge buttons at the top of the picture.

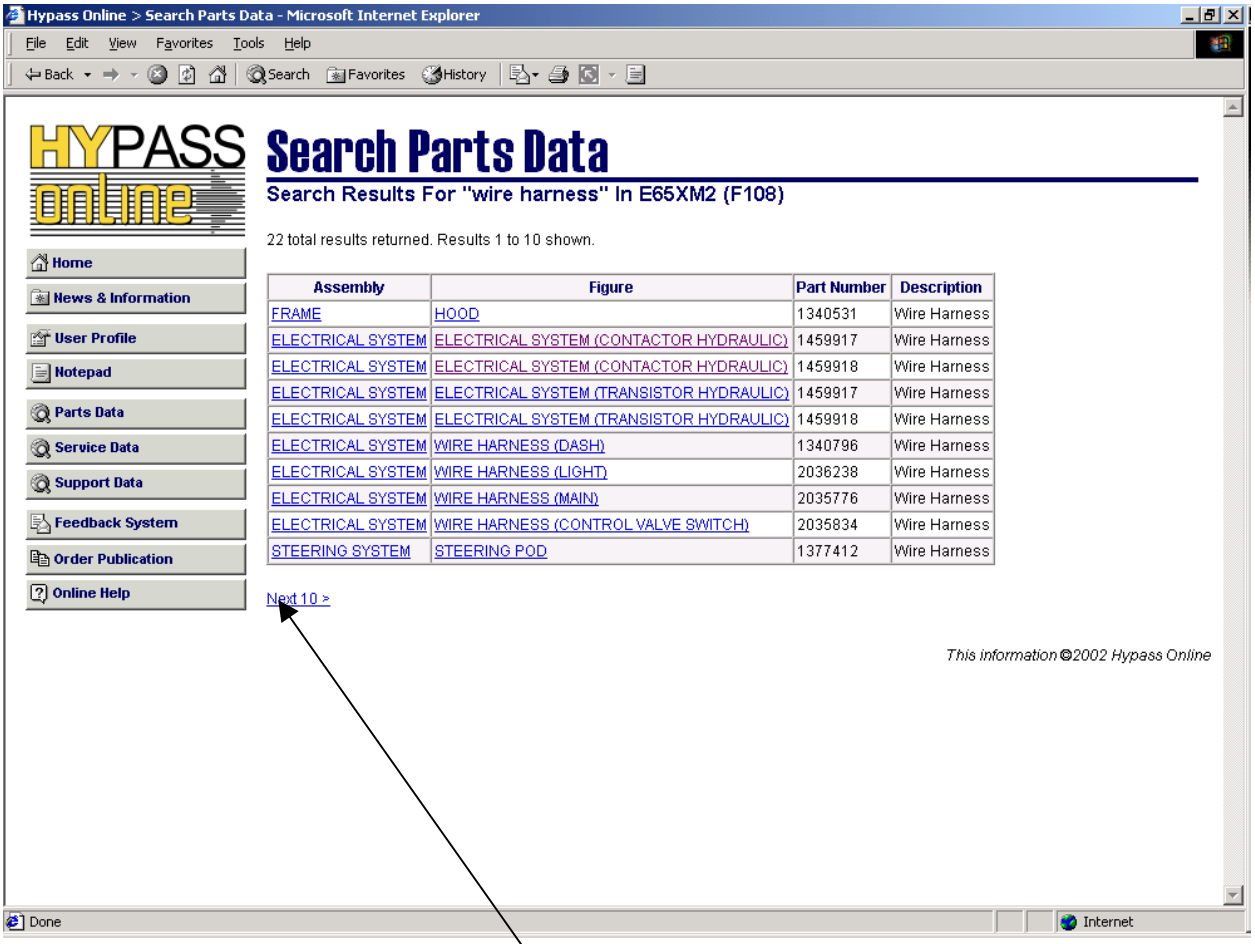
You can print both the parts list and the illustration by clicking “File” then clicking “Print”, or just click on the printer icon located at the top of the page.

Search by Part Description

From the Parts Data page, enter the part description in the large box under the heading "What Do You Want To Search For?" For our example, we have used the parts description of "wire harness". The page should appear as follows before you click on the Search button:

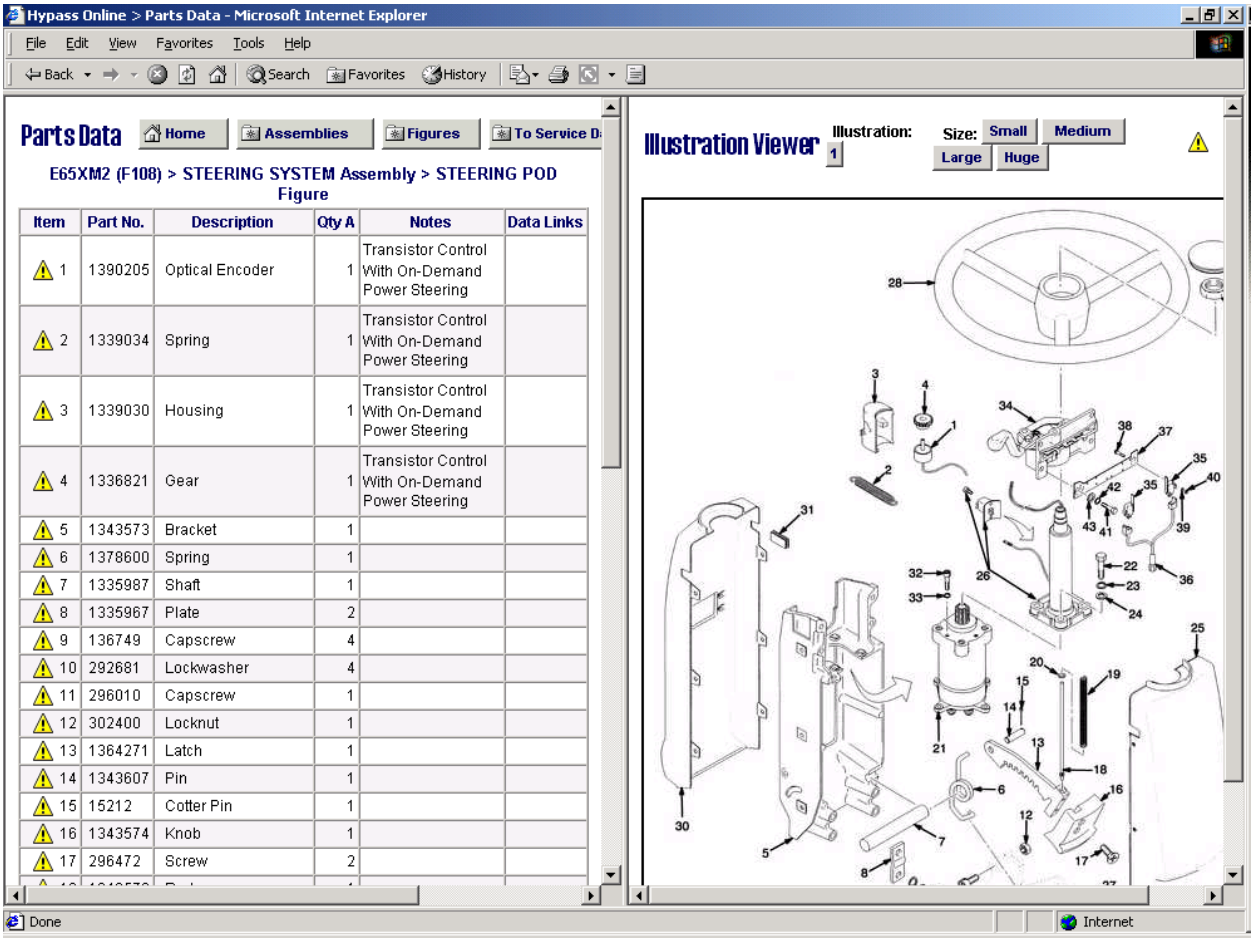

Hypass Online > Parts Data - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
HYPASS online
Parts Data
To locate parts data, please supply information about your truck using the form below.
Home
News & Information
User Profile
Notepad
Parts Data
Service Data
Support Data
Feedback System
Order Publication
Online Help
Your Current Truck Info: E65XM2 (F108)
Reset Truck Info
Supply Your Truck's Serial Number
Examples: A89 or A896N02437Y
Serial Number:
Submit
Or Tell Us About Your Truck
Class is not required, but will help narrow down the number of Series Codes and Model No.'s available. A Series Code or Model Number is required.
Class: Select A Class To View
Series Code: All Series Codes
Model No.: All Model No.'s
What Do You Want To Search For?
Tip: You can type in either a partial or full part number or description below, or click the View List Of Assemblies button.
Search All Truck Information (Note: Searches may take longer to perform using this option.)
wire harness
Search
Or
View List Of Assemblies
This information ©2002 Hypass Online
Internet

The system will return the following display: (Note all the descriptions are “Wire Harness”).


Hypass Online > Search Parts Data - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
HYPASS online
Search Parts Data
Search Results For "wire harness" In E65XM2 (F108)
22 total results returned. Results 1 to 10 shown.
Home
News & Information
User Profile
Notepad
Parts Data
Service Data
Support Data
Feedback System
Order Publication
Online Help
Assembly | Figure | Part Number | Description
FRAME | HOOD | 1340531 | Wire Harness
ELECTRICAL SYSTEM | ELECTRICAL SYSTEM (CONTACTOR HYDRAULIC) | 1459917 | Wire Harness
ELECTRICAL SYSTEM | ELECTRICAL SYSTEM (CONTACTOR HYDRAULIC) | 1459918 | Wire Harness
ELECTRICAL SYSTEM | ELECTRICAL SYSTEM (TRANSISTOR HYDRAULIC) | 1459917 | Wire Harness
ELECTRICAL SYSTEM | ELECTRICAL SYSTEM (TRANSISTOR HYDRAULIC) | 1459918 | Wire Harness
ELECTRICAL SYSTEM | WIRE HARNESS (DASH) | 1340796 | Wire Harness
ELECTRICAL SYSTEM | WIRE HARNESS (LIGHT) | 2036238 | Wire Harness
ELECTRICAL SYSTEM | WIRE HARNESS (MAIN) | 2035776 | Wire Harness
ELECTRICAL SYSTEM | WIRE HARNESS (CONTROL VALVE SWITCH) | 2035834 | Wire Harness
STEERING SYSTEM | STEERING POD | 1377412 | Wire Harness
Next 10 >
This information ©2002 Hypass Online
Done
Internet

Note that the system has located 22 total results and displayed the first ten on this page. To view records 11 through 20, click the “Next 10” located at the bottom of the display.

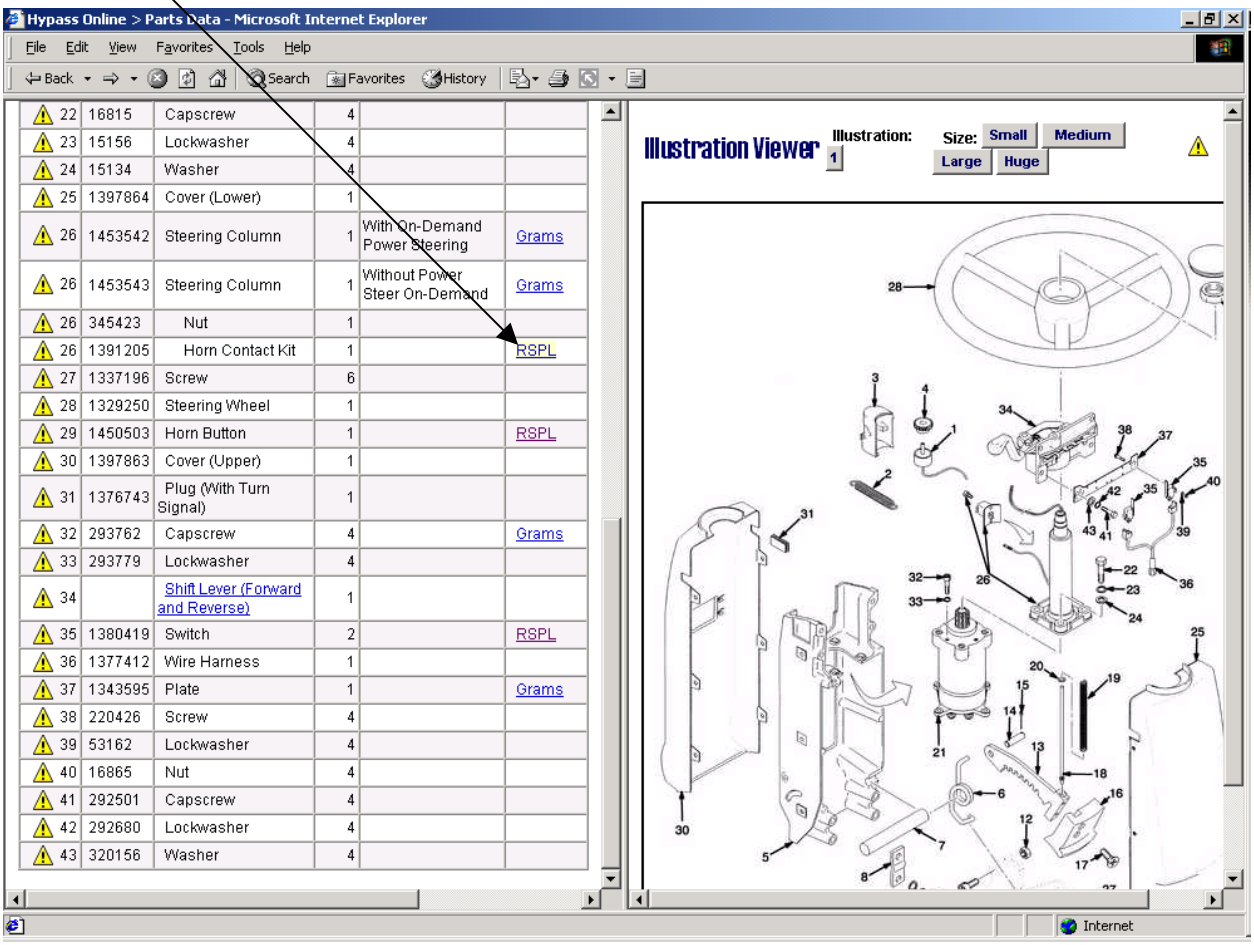
Clicking on the tenth assembly for general truck, steering pod, will display the following:



Item	Part No.	Description	Qty A	Notes	Data Links
1	1390205	Optical Encoder	1	Transistor Control With On-Demand Power Steering	
2	1339034	Spring	1	Transistor Control With On-Demand Power Steering	
3	1339030	Housing	1	Transistor Control With On-Demand Power Steering	
4	1336821	Gear	1	Transistor Control With On-Demand Power Steering	
5	1343573	Bracket	1		
6	1378600	Spring	1		
7	1335987	Shaft	1		
8	1335967	Plate	2		
9	136749	Capscrew	4		
10	292681	Lockwasher	4		
11	296010	Capscrew	1		
12	302400	Locknut	1		
13	1364271	Latch	1		
14	1343607	Pin	1		
15	15212	Cotter Pin	1		
16	1343574	Knob	1		
17	296472	Screw	2		

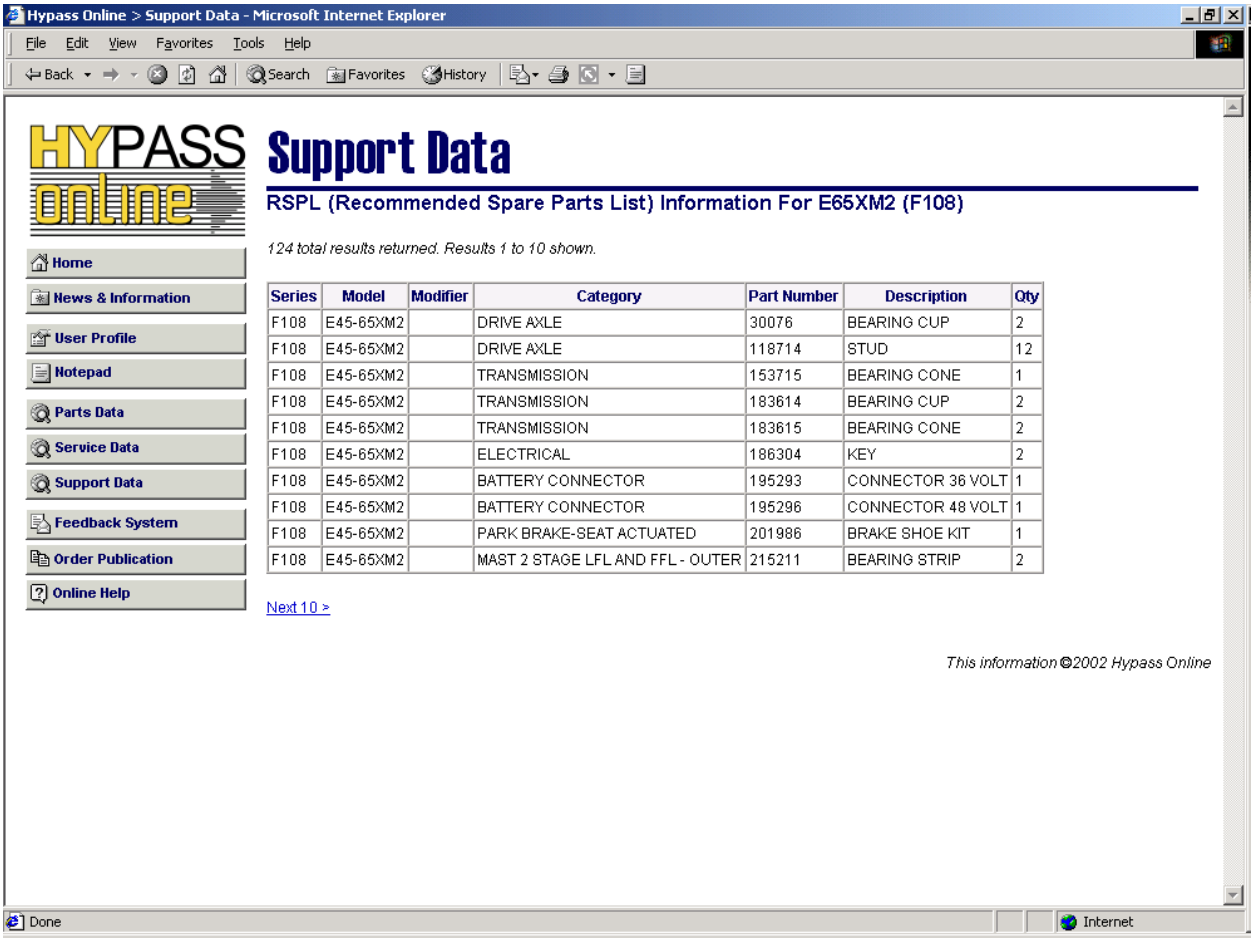
Recommended Spare Parts List

To view the Recommended Spare Parts List (RSPL) for a part (the Horn Contactor Kit in this case), click on RSPL in the DATA LINKS column for item number 26.


Hypass Online > Parts Data - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
Illustration Viewer
Illustration: 1
Size: Small Medium Large Huge
Internet

22	16815	Capscrew	4		
23	15156	Lockwasher	4		
24	15134	Washer	4		
25	1397864	Cover (Lower)	1		
26	1453542	Steering Column	1	With On-Demand Power Steering	Grams
26	1453543	Steering Column	1	Without Power Steer On-Demand	Grams
26	345423	Nut	1		
26	1391205	Horn Contact Kit	1		RSPL
27	1337196	Screw	6		
28	1329250	Steering Wheel	1		
29	1450503	Horn Button	1		RSPL
30	1397863	Cover (Upper)	1		
31	1376743	Plug (With Turn Signal)	1		
32	293762	Capscrew	4		Grams
33	293779	Lockwasher	4		
34		Shift Lever (Forward and Reverse)	1		
35	1380419	Switch	2		RSPL
36	1377412	Wire Harness	1		
37	1343595	Plate	1		Grams
38	220426	Screw	4		
39	53162	Lockwasher	4		
40	16865	Nut	4		
41	292501	Capscrew	4		
42	292680	Lockwasher	4		
43	320156	Washer	4		

The system will respond with the following display:

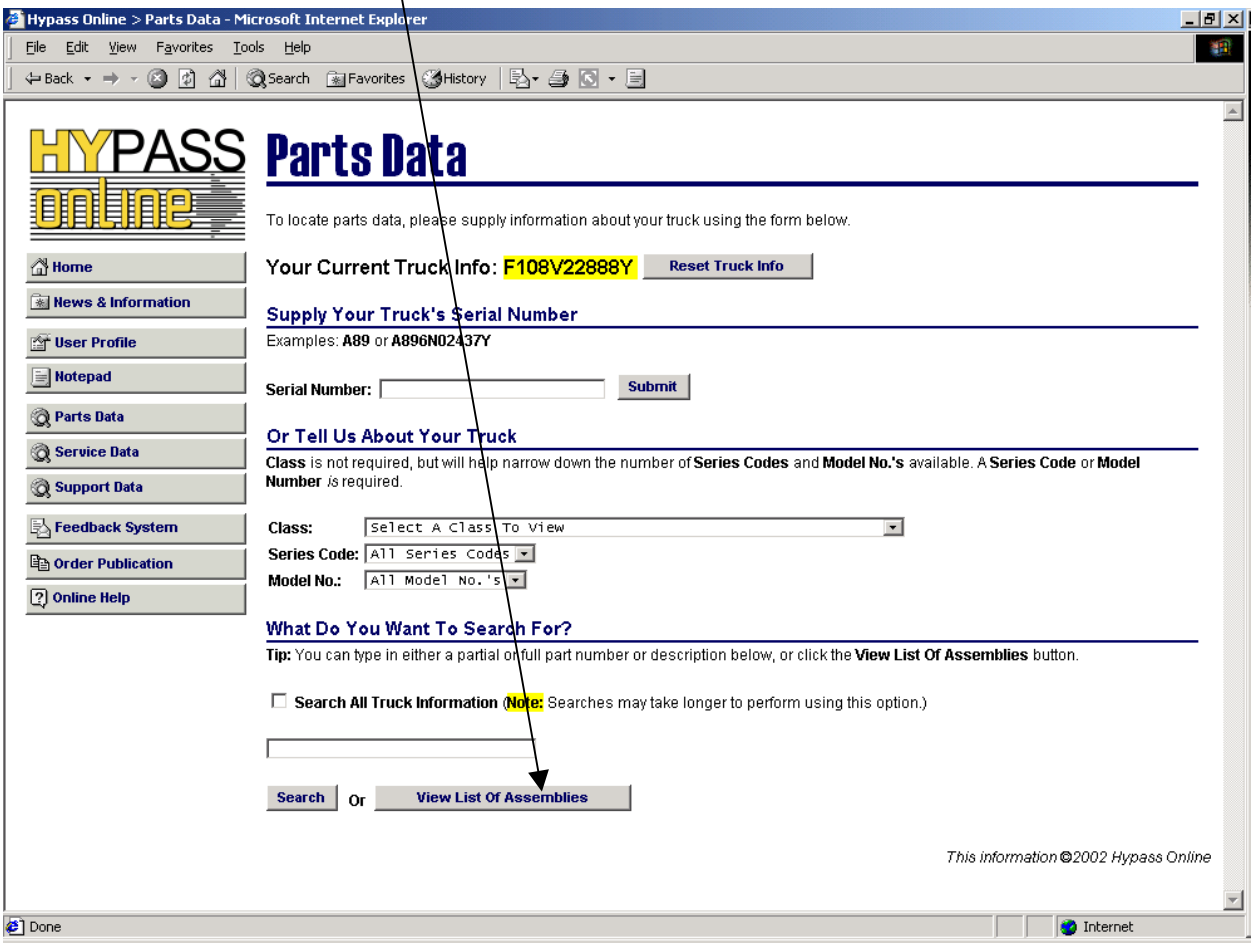

Hypass Online > Support Data - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
HYPASS online
Support Data
RSPL (Recommended Spare Parts List) Information For E65XM2 (F108)
124 total results returned. Results 1 to 10 shown.
Home
News & Information
User Profile
Notepad
Parts Data
Service Data
Support Data
Feedback System
Order Publication
Online Help
Series | Model | Modifier | Category | Part Number | Description | Qty
F108 | E45-65XM2 | | DRIVE AXLE | 30076 | BEARING CUP | 2
F108 | E45-65XM2 | | DRIVE AXLE | 118714 | STUD | 12
F108 | E45-65XM2 | | TRANSMISSION | 153715 | BEARING CONE | 1
F108 | E45-65XM2 | | TRANSMISSION | 183614 | BEARING CUP | 2
F108 | E45-65XM2 | | TRANSMISSION | 183615 | BEARING CONE | 2
F108 | E45-65XM2 | | ELECTRICAL | 186304 | KEY | 2
F108 | E45-65XM2 | | BATTERY CONNECTOR | 195293 | CONNECTOR 36 VOLT | 1
F108 | E45-65XM2 | | BATTERY CONNECTOR | 195296 | CONNECTOR 48 VOLT | 1
F108 | E45-65XM2 | | PARK BRAKE-SEAT ACTUATED | 201986 | BRAKE SHOE KIT | 1
F108 | E45-65XM2 | | MAST 2 STAGE LFL AND FFL - OUTER | 215211 | BEARING STRIP | 2
Next 10 >
This information ©2002 Hypass Online
Done
Internet

Click on “Next 10” until the desired part number displays

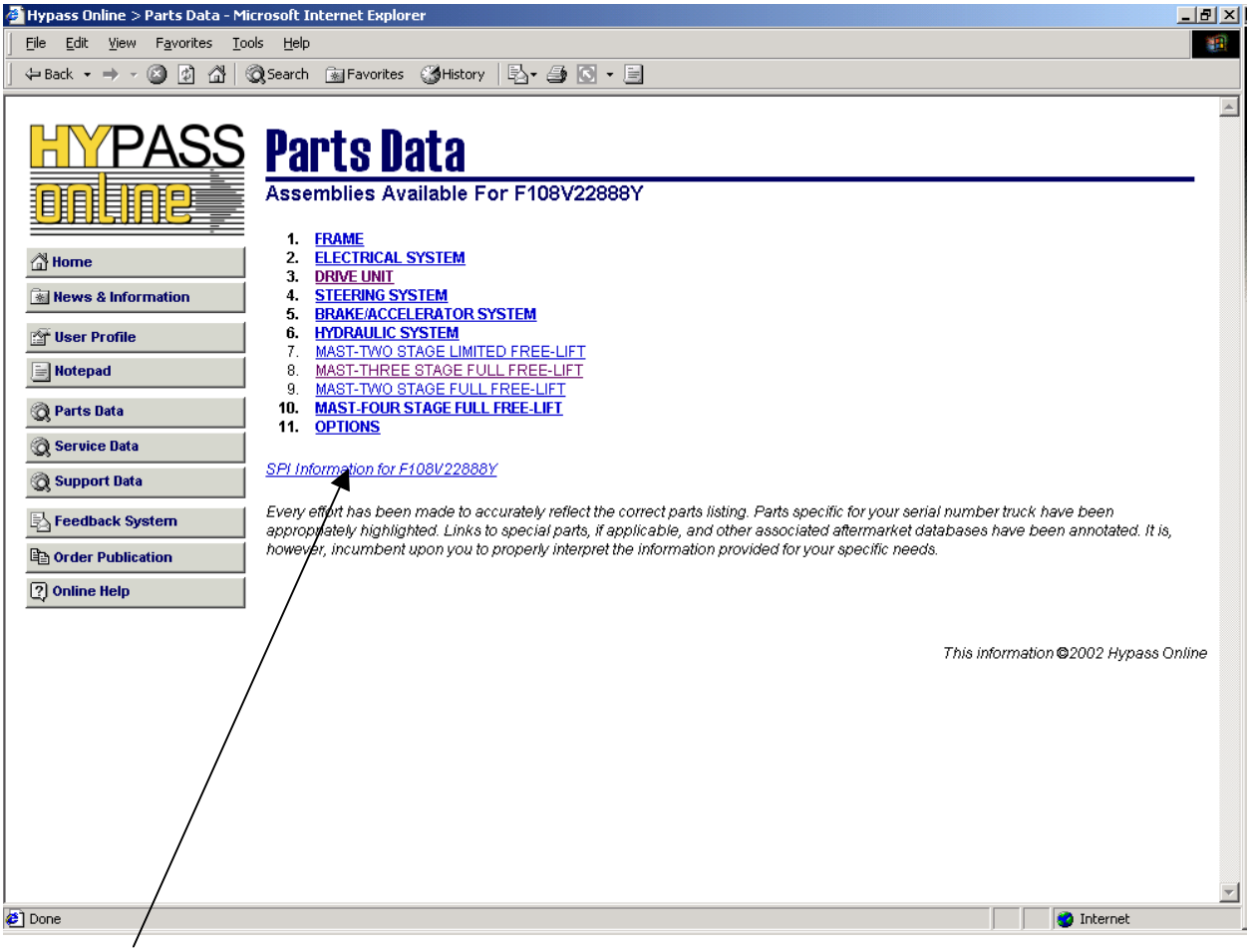
Note: Please see Support Data section for more information regarding RSPL’s.

Spider Web Information

Once you have selected a particular truck, you can view all of the documented assemblies by clicking on the “View List of Assemblies” button at the bottom of the page (see below).

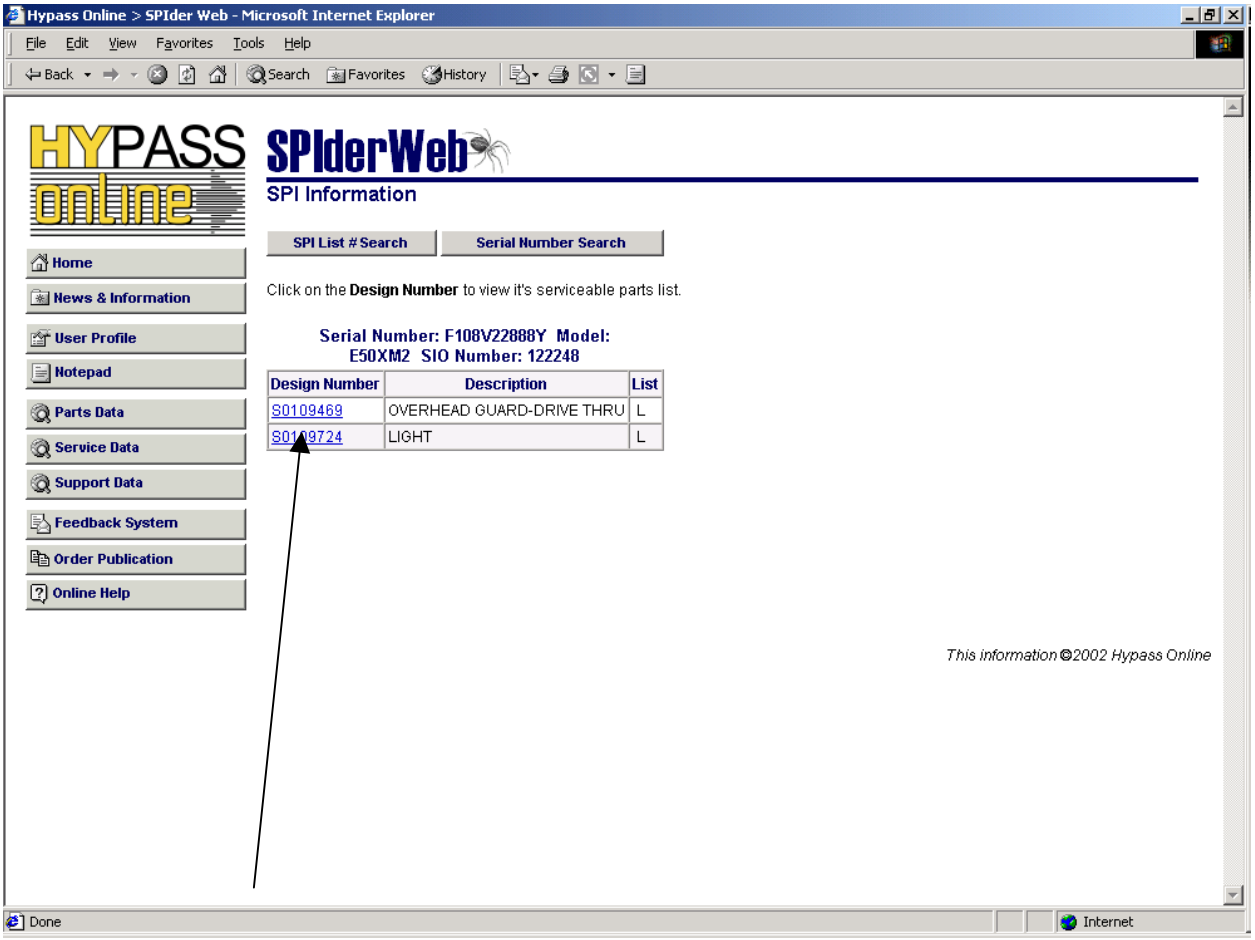

Hypass Online > Parts Data - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
HYPASS online
Parts Data
To locate parts data, please supply information about your truck using the form below.
Home
News & Information
User Profile
Notepad
Parts Data
Service Data
Support Data
Feedback System
Order Publication
Online Help
Your Current Truck Info: F108V22888Y
Reset Truck Info
Supply Your Truck's Serial Number
Examples: A89 or A896N02437Y
Serial Number:
Submit
Or Tell Us About Your Truck
Class is not required, but will help narrow down the number of Series Codes and Model No.'s available. A Series Code or Model Number is required.
Class: Select A Class To View
Series Code: All Series Codes
Model No.: All Model No.'s
What Do You Want To Search For?
Tip: You can type in either a partial or full part number or description below, or click the View List Of Assemblies button.
Search All Truck Information (Note: Searches may take longer to perform using this option.)
Search
Or
View List Of Assemblies
This information ©2002 Hypass Online
Done
Internet

Clicking on the “View List of Assemblies” will have the system respond with the following display:


Hypass Online > Parts Data - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
HYPASS online
Parts Data
Assemblies Available For F108V22888Y
1. FRAME
2. ELECTRICAL SYSTEM
3. DRIVE UNIT
4. STEERING SYSTEM
5. BRAKE/ACCELERATOR SYSTEM
6. HYDRAULIC SYSTEM
7. MAST-TWO STAGE LIMITED FREE-LIFT
8. MAST-THREE STAGE FULL FREE-LIFT
9. MAST-TWO STAGE FULL FREE-LIFT
10. MAST-FOUR STAGE FULL FREE-LIFT
11. OPTIONS
SPI Information for F108V22888Y
Every effort has been made to accurately reflect the correct parts listing. Parts specific for your serial number truck have been appropriately highlighted. Links to special parts, if applicable, and other associated aftermarket databases have been annotated. It is, however, incumbent upon you to properly interpret the information provided for your specific needs.
This information ©2002 Hypass Online
Home
News & Information
User Profile
Notepad
Parts Data
Service Data
Support Data
Feedback System
Order Publication
Online Help
Done
Internet

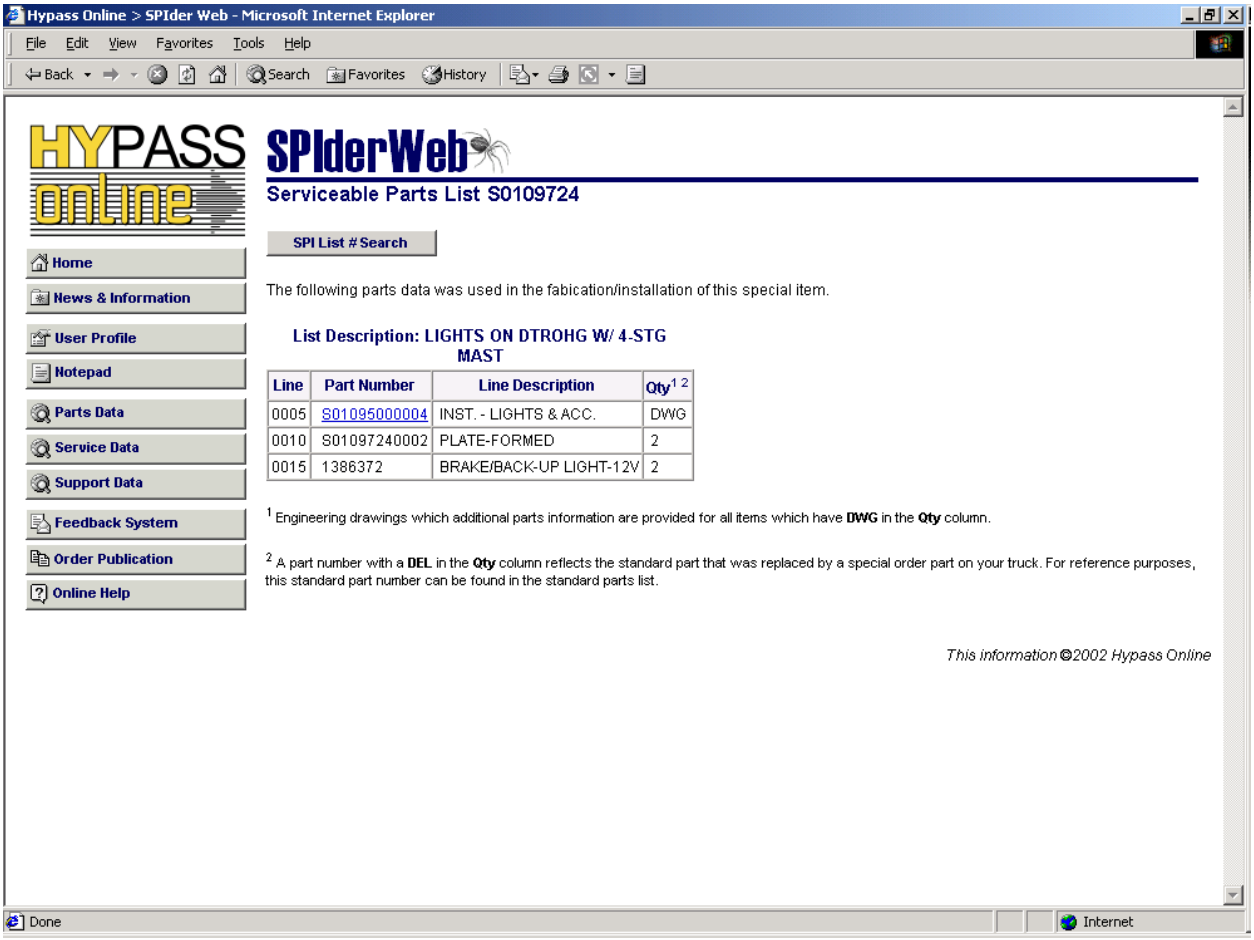
Note the statement “SPI Information for F108V22888Y” which means there was Special Engineering completed on this truck. To view the information, click on the URL (Uniform Resource Locator)

The system will respond with the following display:



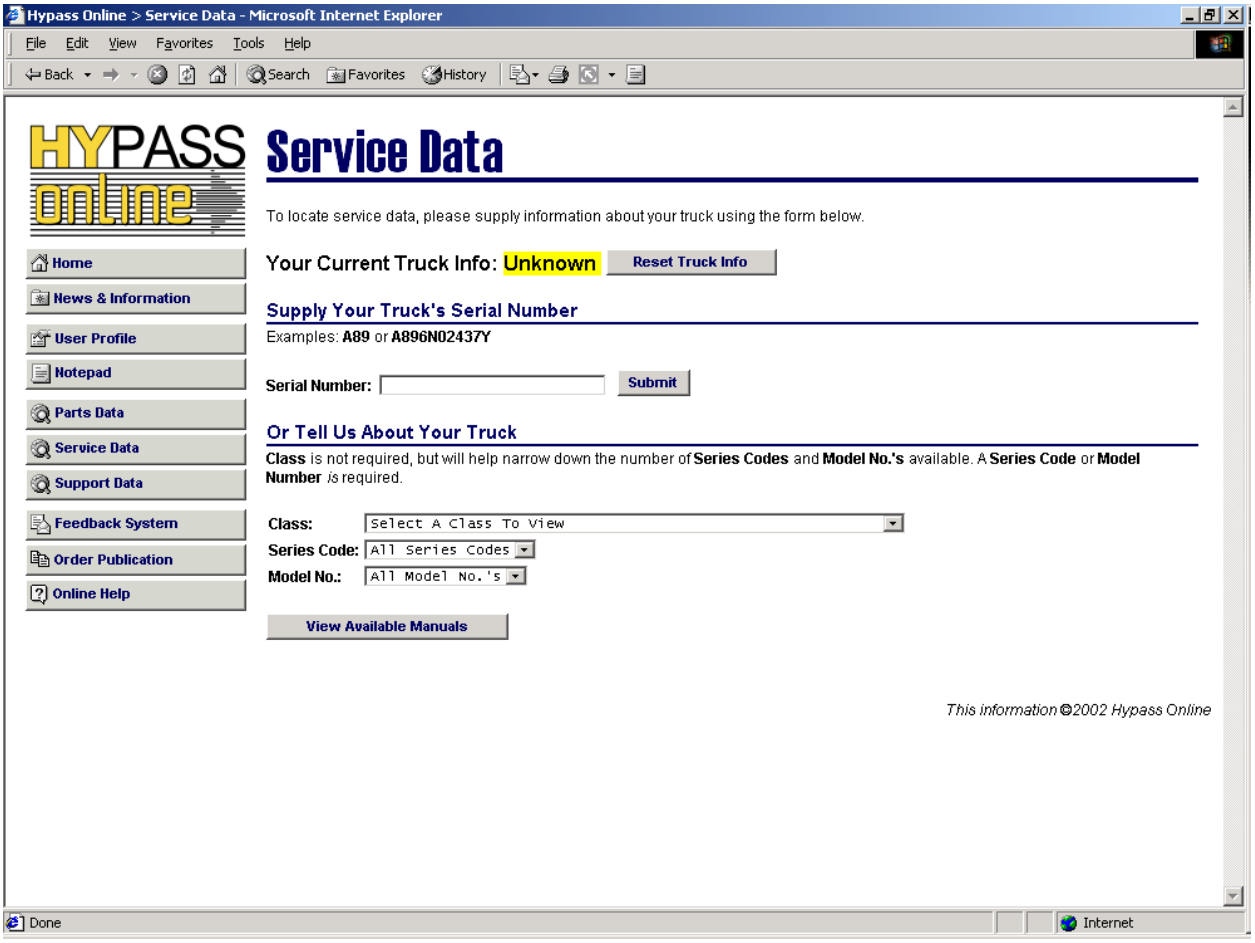
Click on the Design Number and the system will display a list of the parts data, which was used in the fabrication/installation of this special item:

The system will return with the following display:

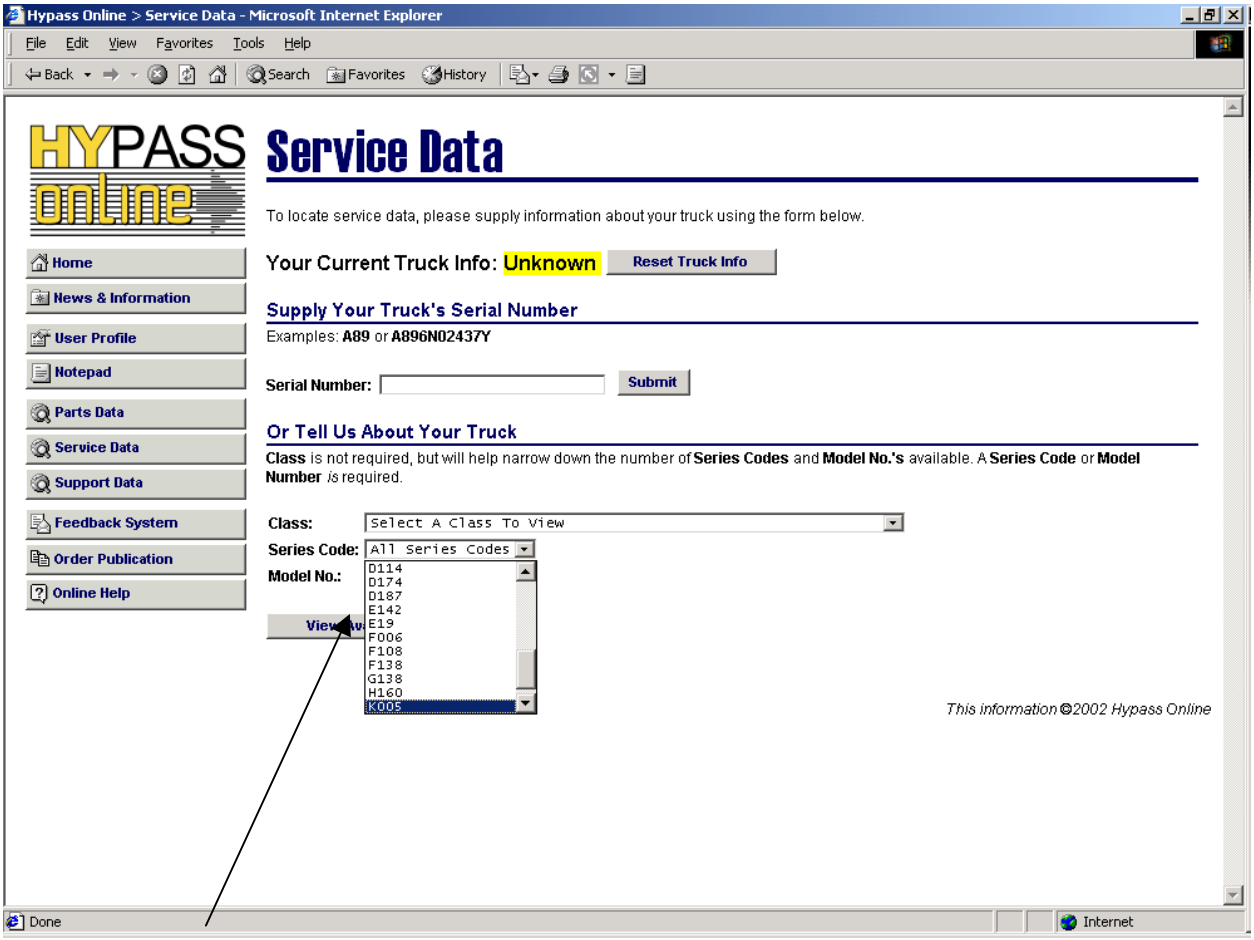

Hypass Online > SPIder Web - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
HYPASS online
SPIderWeb
Serviceable Parts List S0109724
SPI List # Search
Home
News & Information
User Profile
Notepad
Parts Data
Service Data
Support Data
Feedback System
Order Publication
Online Help
The following parts data was used in the fabication/installation of this special item.
List Description: LIGHTS ON DTROHG W/ 4-STG MAST
Line | Part Number | Line Description | Qty 1 2
0005 | S01095000004 | INST. - LIGHTS & ACC. | DWG
0010 | S01097240002 | PLATE-FORMED | 2
0015 | 1386372 | BRAKE/BACK-UP LIGHT-12V | 2
1 Engineering drawings which additional parts information are provided for all items which have DWG in the Qty column.
2 A part number with a DEL in the Qty column reflects the standard part that was replaced by a special order part on your truck. For reference purposes, this standard part number can be found in the standard parts list.
This information ©2002 Hypass Online
Done
Internet

Service Data

To view service data, click on the Service Data button located on the left hand side of the Home Page. The following screen will be displayed:


Hypass Online > Service Data - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
HYPASS online
Service Data
To locate service data, please supply information about your truck using the form below.
Home
News & Information
User Profile
Notepad
Parts Data
Service Data
Support Data
Feedback System
Order Publication
Online Help
Your Current Truck Info: Unknown
Reset Truck Info
Supply Your Truck's Serial Number
Examples: A89 or A896N02437Y
Serial Number:
Submit
Or Tell Us About Your Truck
Class is not required, but will help narrow down the number of Series Codes and Model No.'s available. A Series Code or Model Number is required.
Class: Select A Class To View
Series Code: All Series Codes
Model No.: All Model No.'s
View Available Manuals
This information ©2002 Hypass Online
Done
Internet

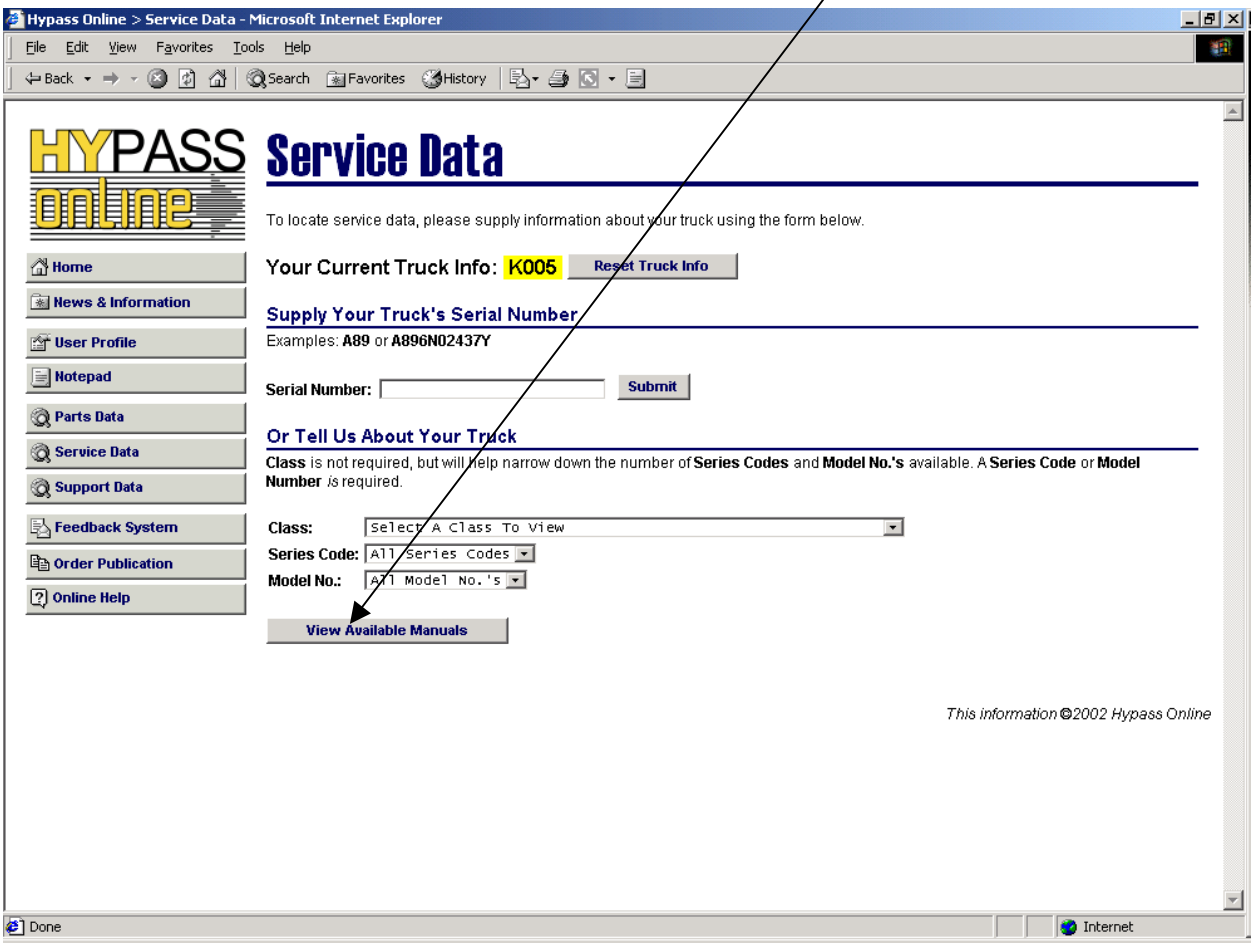
Select your truck family by positioning the correct series code using the series code drop down list:



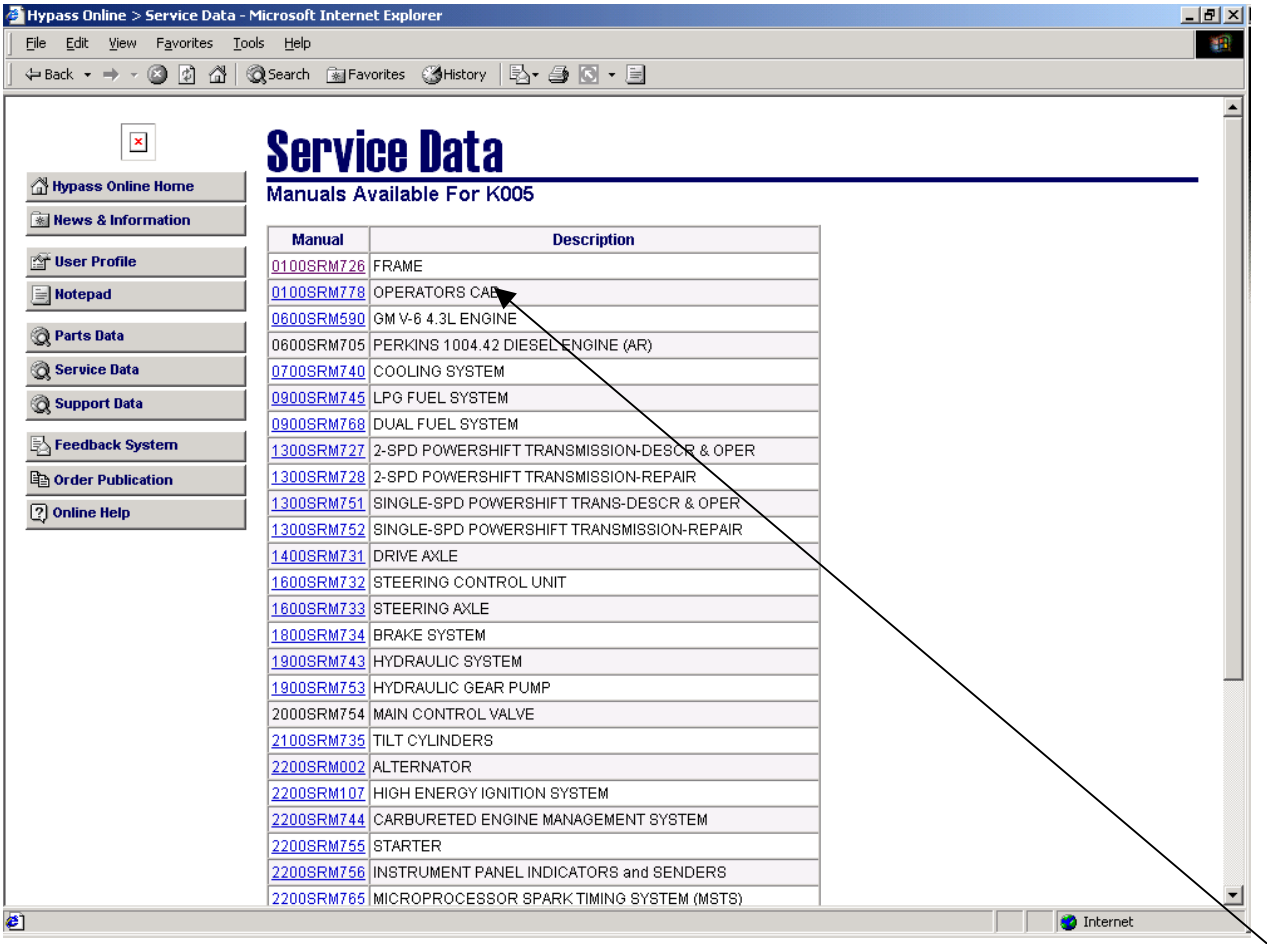
We will use K005 as our sample series code.

Available Service Manuals

To view the available service manuals for this truck, click on the “View Available Manuals” button located at the bottom of the screen:


Hypass Online > Service Data - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
HYPASS online
Service Data
To locate service data, please supply information about your truck using the form below.
Home
News & Information
User Profile
Notepad
Parts Data
Service Data
Support Data
Feedback System
Order Publication
Online Help
Your Current Truck Info: K005
Reset Truck Info
Supply Your Truck's Serial Number
Examples: A89 or A896N02437Y
Serial Number:
Submit
Or Tell Us About Your Truck
Class is not required, but will help narrow down the number of Series Codes and Model No.'s available. A Series Code or Model Number is required.
Class: Select A Class To View
Series Code: All Series Codes
Model No.: All Model No.'s
View Available Manuals
This information ©2002 Hypass Online
Done
Internet

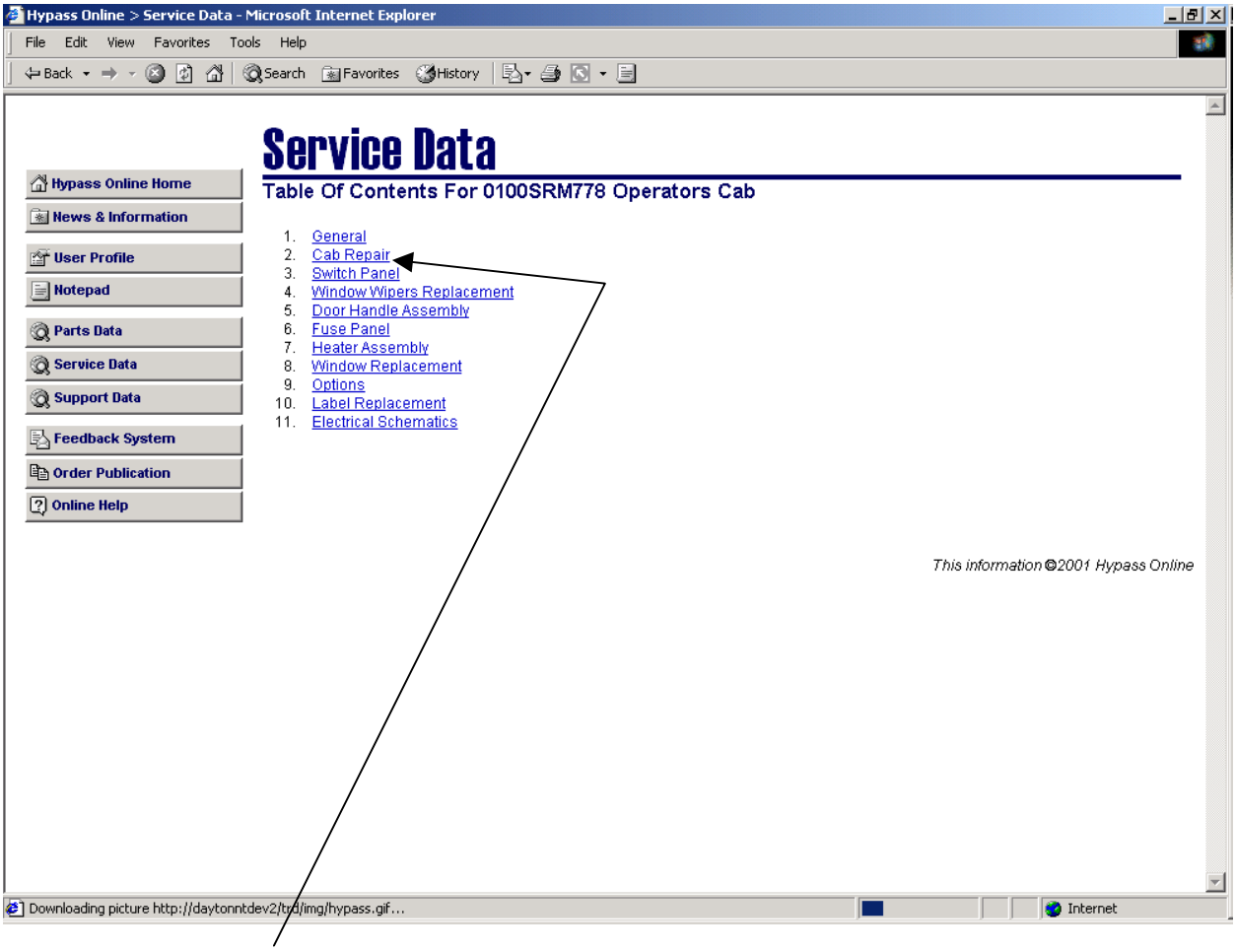
The system will respond with the following display:



Please note that those manuals that are underlined can be accessed in the system by clicking on the service manual number. Those, which are not underlined, such as the Perkins Diesel Engine, are not available in the system.

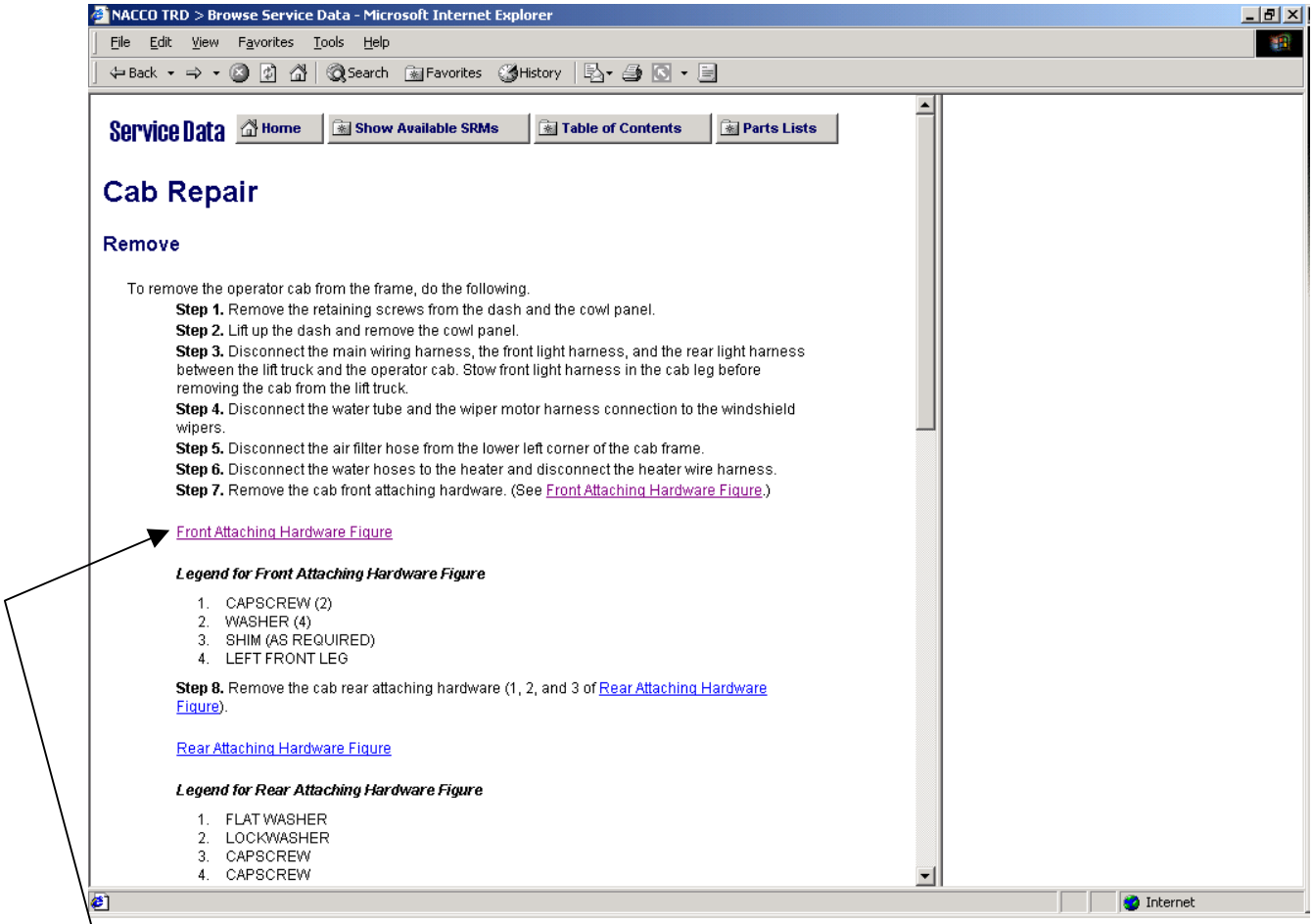
Select the Operator's Cab by clicking on the manual number (0100SRM778).

The system will respond with the following display:



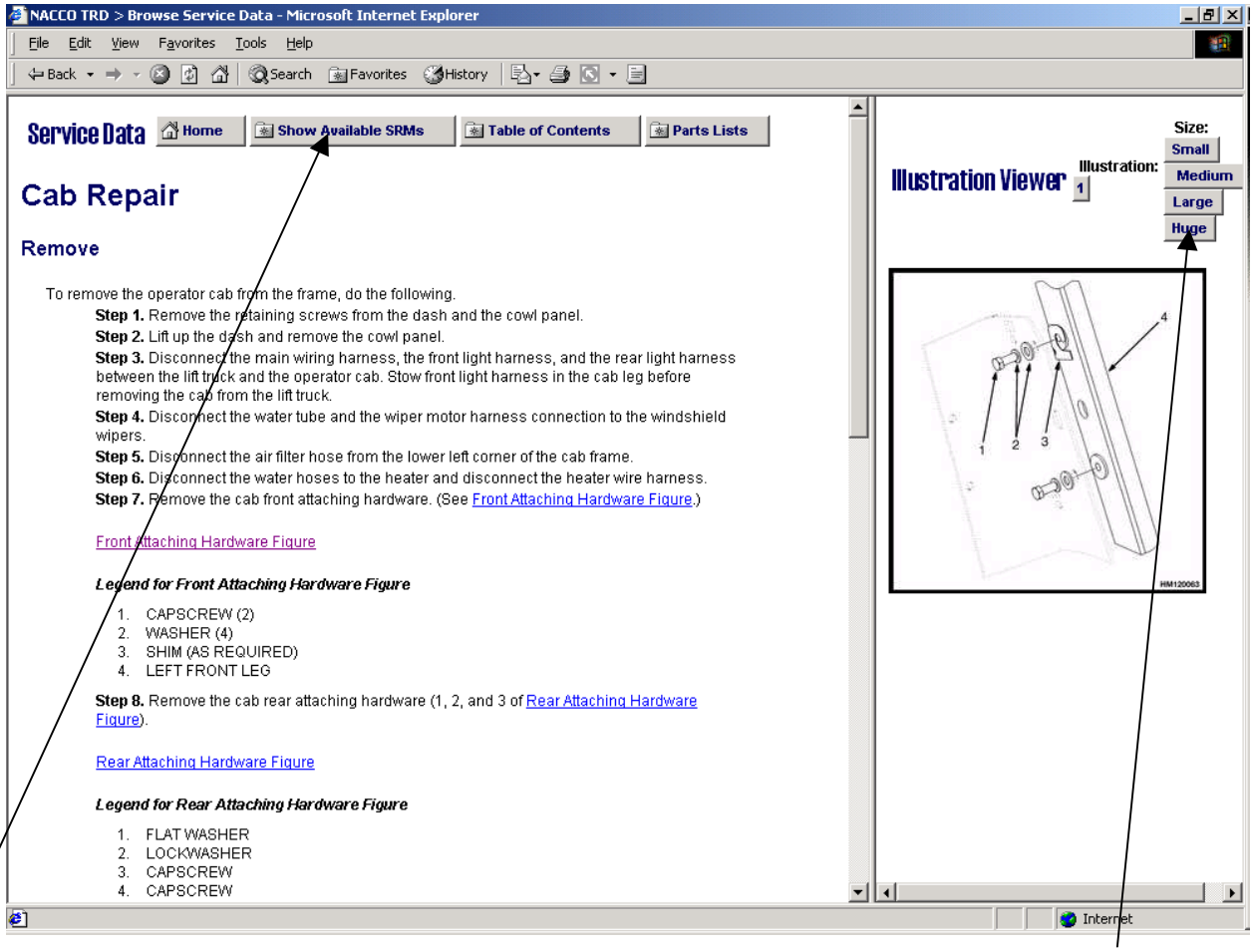
Click on CAB REPAIR to view the service manual section regarding this topic

The system will display the following:


NACCO TRD > Browse Service Data - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
Service Data
Home
Show Available SRMs
Table of Contents
Parts Lists
Cab Repair
Remove
To remove the operator cab from the frame, do the following.
Step 1. Remove the retaining screws from the dash and the cowl panel.
Step 2. Lift up the dash and remove the cowl panel.
Step 3. Disconnect the main wiring harness, the front light harness, and the rear light harness between the lift truck and the operator cab. Stow front light harness in the cab leg before removing the cab from the lift truck.
Step 4. Disconnect the water tube and the wiper motor harness connection to the windshield wipers.
Step 5. Disconnect the air filter hose from the lower left corner of the cab frame.
Step 6. Disconnect the water hoses to the heater and disconnect the heater wire harness.
Step 7. Remove the cab front attaching hardware. (See Front Attaching Hardware Figure.)
Front Attaching Hardware Figure
Legend for Front Attaching Hardware Figure
1. CAPSCREW (2)
2. WASHER (4)
3. SHIM (AS REQUIRED)
4. LEFT FRONT LEG
Step 8. Remove the cab rear attaching hardware (1, 2, and 3 of Rear Attaching Hardware Figure).
Rear Attaching Hardware Figure
Legend for Rear Attaching Hardware Figure
1. FLAT WASHER
2. LOCKWASHER
3. CAPSCREW
4. CAPSCREW
Internet

Click the Front Attaching Hardware Figure.

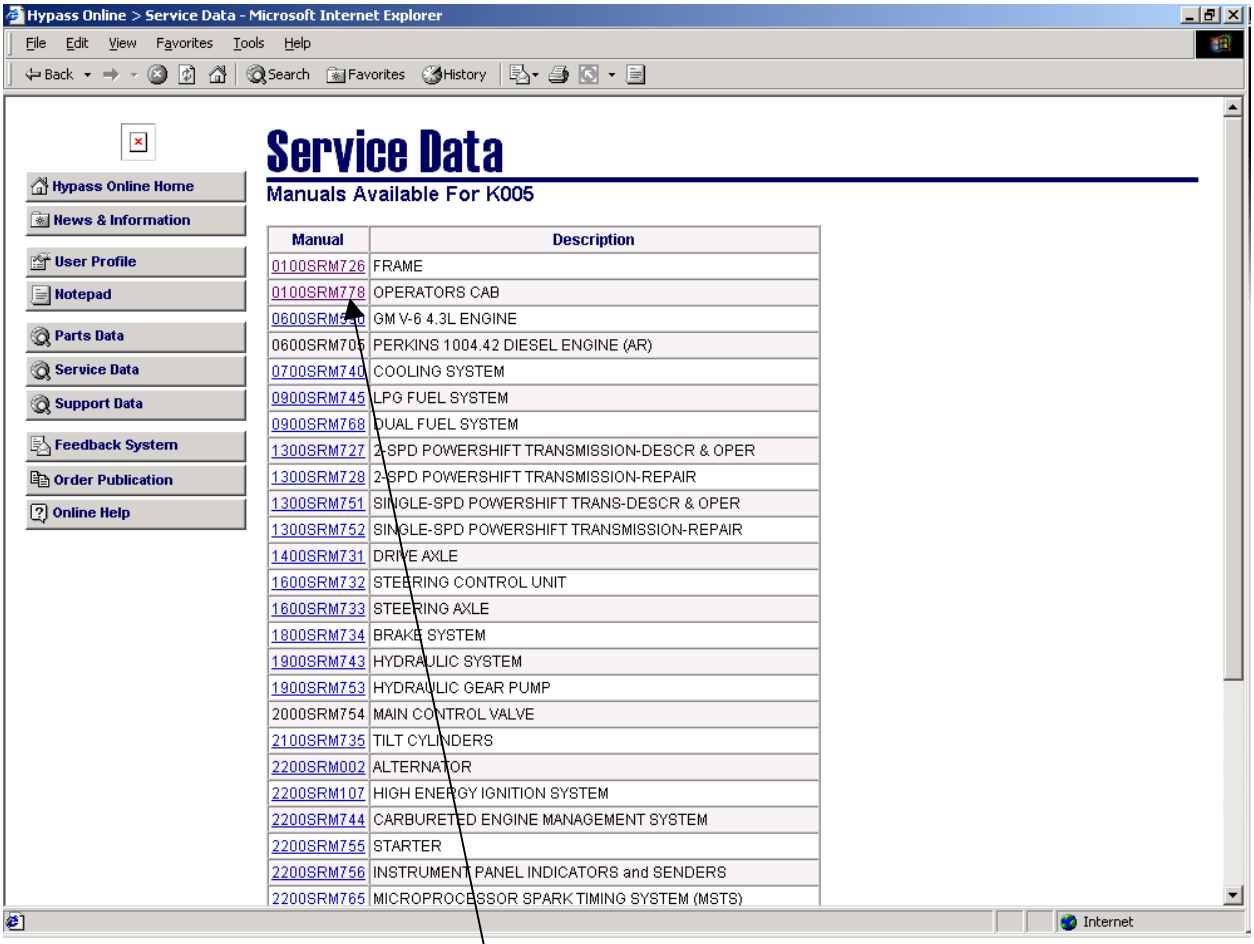
The system will display the same page and add a drawing of the Front Hardware Assembly, as follows:


NACCO TRD > Browse Service Data - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
Service Data
Home
Show Available SRMs
Table of Contents
Parts Lists
Cab Repair
Remove
To remove the operator cab from the frame, do the following.
Step 1. Remove the retaining screws from the dash and the cowl panel.
Step 2. Lift up the dash and remove the cowl panel.
Step 3. Disconnect the main wiring harness, the front light harness, and the rear light harness between the lift truck and the operator cab. Stow front light harness in the cab leg before removing the cab from the lift truck.
Step 4. Disconnect the water tube and the wiper motor harness connection to the windshield wipers.
Step 5. Disconnect the air filter hose from the lower left corner of the cab frame.
Step 6. Disconnect the water hoses to the heater and disconnect the heater wire harness.
Step 7. Remove the cab front attaching hardware. (See Front Attaching Hardware Figure.)
Front Attaching Hardware Figure
Legend for Front Attaching Hardware Figure
1. CAPSCREW (2)
2. WASHER (4)
3. SHIM (AS REQUIRED)
4. LEFT FRONT LEG
Step 8. Remove the cab rear attaching hardware (1, 2, and 3 of Rear Attaching Hardware Figure).
Rear Attaching Hardware Figure
Legend for Rear Attaching Hardware Figure
1. FLAT WASHER
2. LOCKWASHER
3. CAPSCREW
4. CAPSCREW
Illustration Viewer
Illustration: 1
Size:
Small
Medium
Large
Huge
Internet

You can change the size of the drawing by clicking on the Size buttons in the Illustration Viewer. Your illustration size default is set in your User Profile, but you can change the size of individual drawings by clicking on the small, medium, large, or huge buttons. To print the instructions and the illustration, click the printer icon at the top of the screen or click on “File” and then click on “Print”.

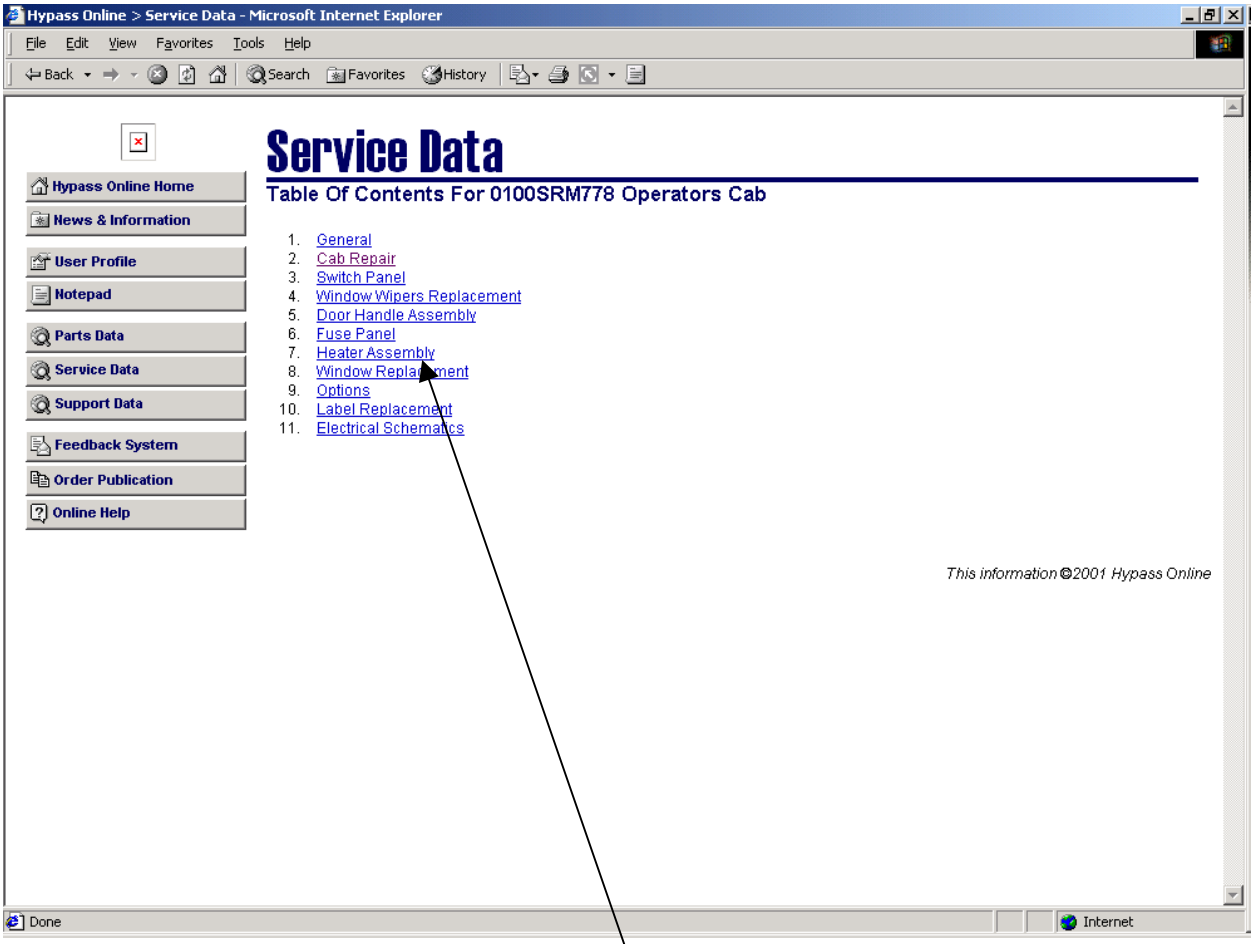
To review the available Service Manuals, click the button at the top of the screen entitled Show Available SRM’s.

The system will respond as follows:



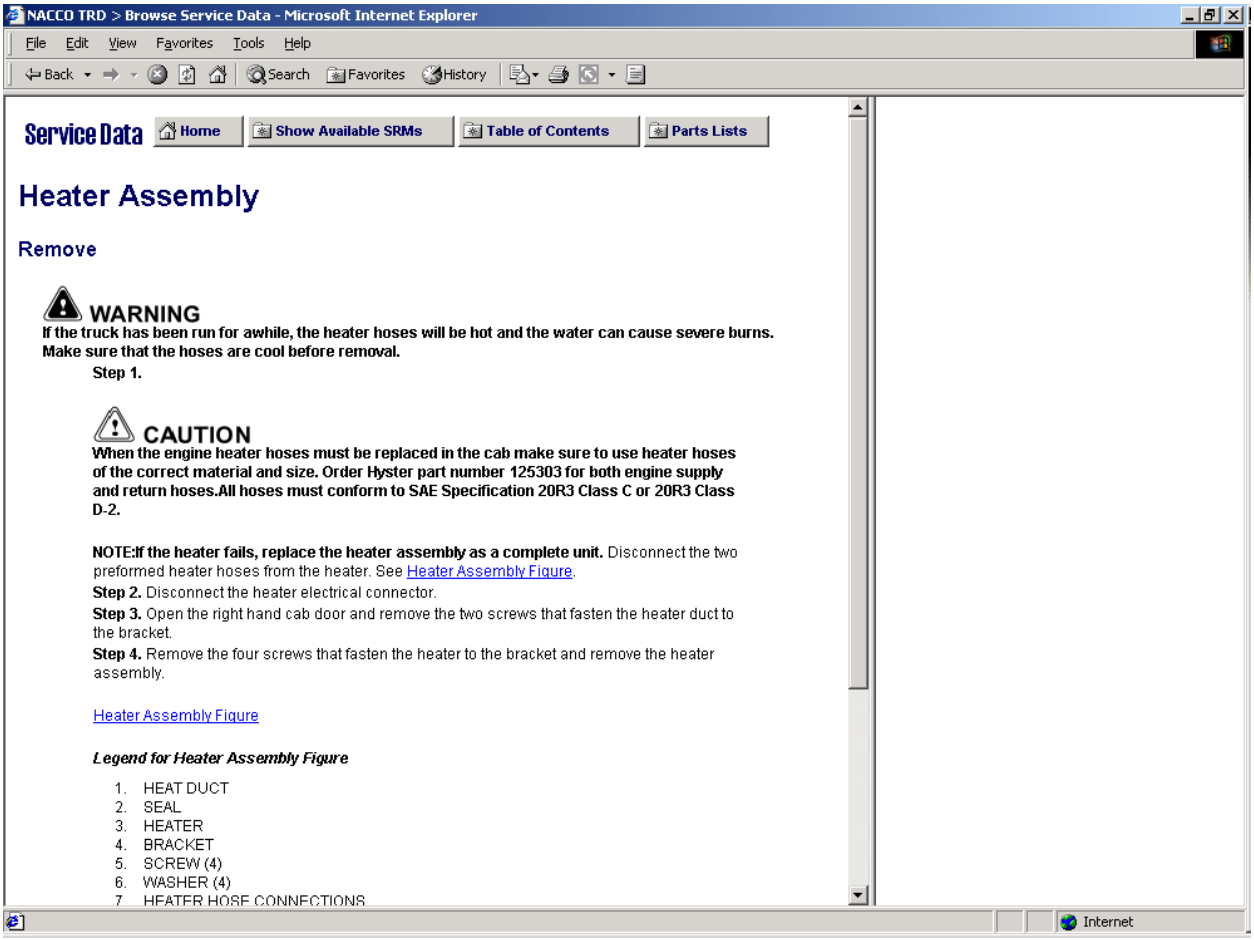
The service manual can be displayed online if the service manual number is underlined. For our example, let's click on the Operator's Cab.

The system will display the following information:

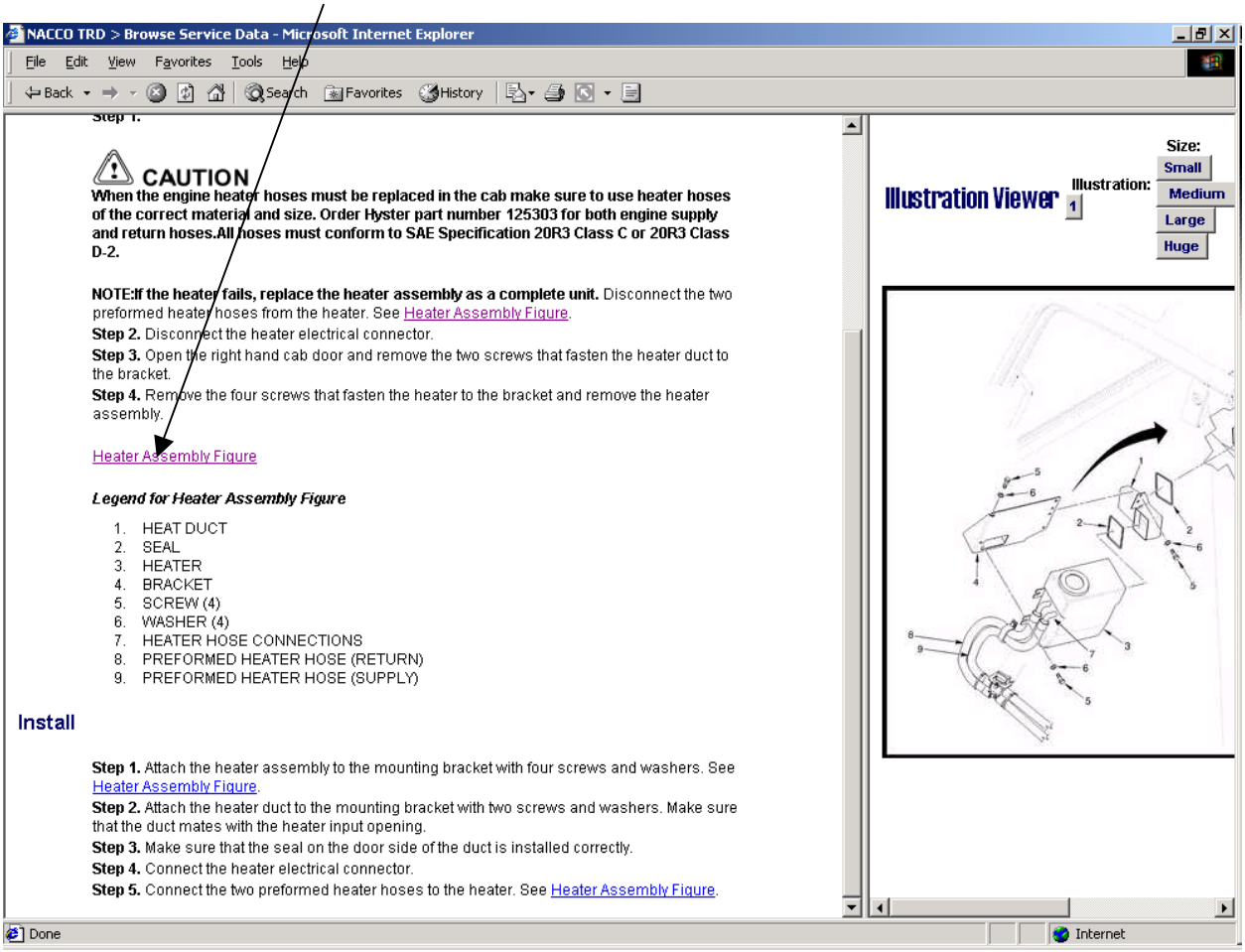


To view the Heater Assembly for this truck, click on the URL (Uniform Resource Locator) for this subject.

The system will respond with the following display:


NACCO TRD > Browse Service Data - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
Service Data
Home
Show Available SRMs
Table of Contents
Parts Lists
Heater Assembly
Remove
WARNING
If the truck has been run for awhile, the heater hoses will be hot and the water can cause severe burns. Make sure that the hoses are cool before removal.
Step 1.
CAUTION
When the engine heater hoses must be replaced in the cab make sure to use heater hoses of the correct material and size. Order Hyster part number 125303 for both engine supply and return hoses.All hoses must conform to SAE Specification 20R3 Class C or 20R3 Class D-2.
NOTE:If the heater fails, replace the heater assembly as a complete unit. Disconnect the two preformed heater hoses from the heater. See Heater Assembly Figure.
Step 2. Disconnect the heater electrical connector.
Step 3. Open the right hand cab door and remove the two screws that fasten the heater duct to the bracket.
Step 4. Remove the four screws that fasten the heater to the bracket and remove the heater assembly.
Heater Assembly Figure
Legend for Heater Assembly Figure
1. HEAT DUCT
2. SEAL
3. HEATER
4. BRACKET
5. SCREW (4)
6. WASHER (4)
7. HEATER HOSE CONNECTIONS
Internet

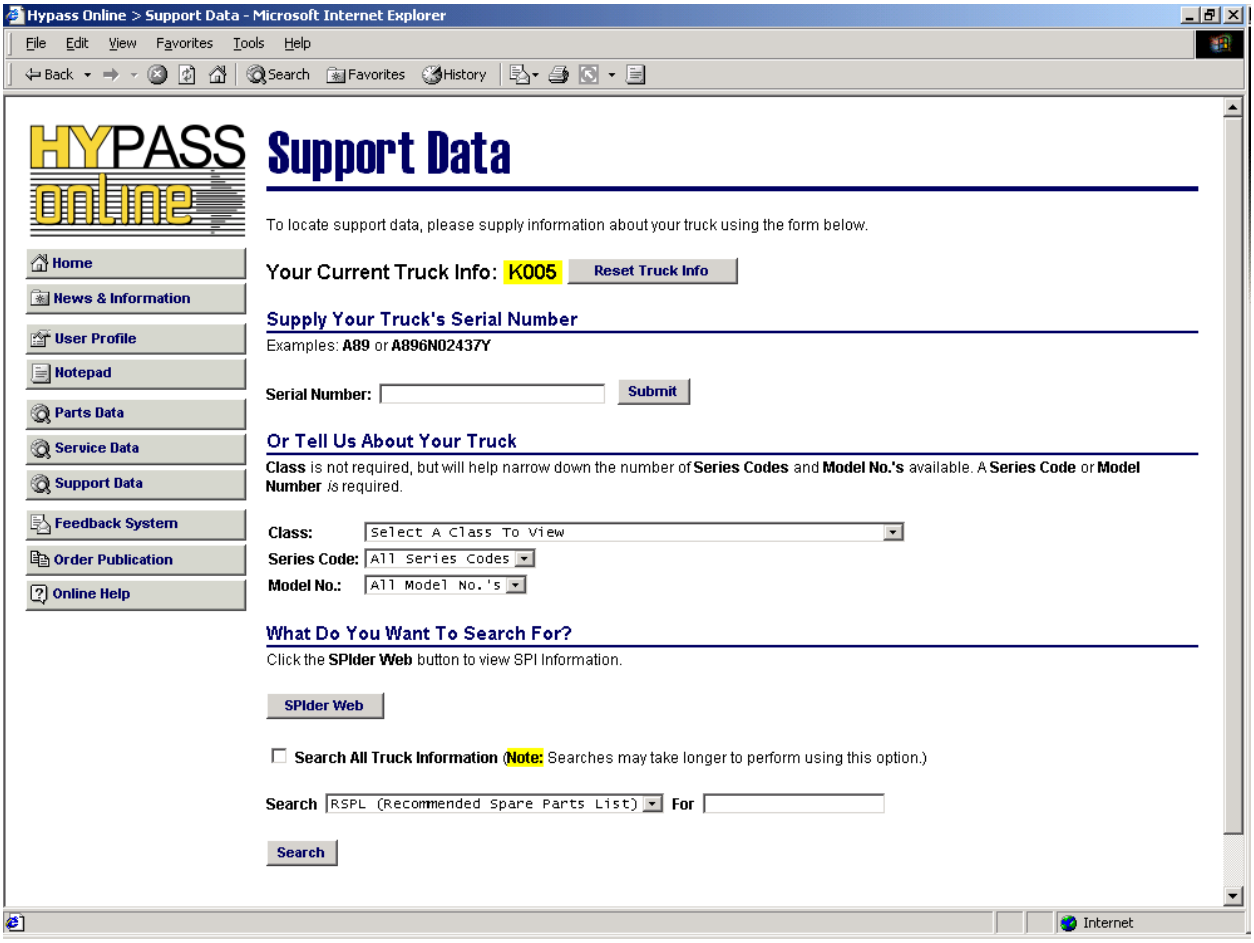
Click on the "Heater Assembly Figure" to view the diagram. The system will respond as follows:


NACCO TRD > Browse Service Data - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
CAUTION
When the engine heater hoses must be replaced in the cab make sure to use heater hoses of the correct material and size. Order Hyster part number 125303 for both engine supply and return hoses.All hoses must conform to SAE Specification 20R3 Class C or 20R3 Class D-2.
NOTE:If the heater fails, replace the heater assembly as a complete unit. Disconnect the two preformed heater hoses from the heater. See Heater Assembly Figure.
Step 2. Disconnect the heater electrical connector.
Step 3. Open the right hand cab door and remove the two screws that fasten the heater duct to the bracket.
Step 4. Remove the four screws that fasten the heater to the bracket and remove the heater assembly.
Heater Assembly Figure
Legend for Heater Assembly Figure
1. HEAT DUCT
2. SEAL
3. HEATER
4. BRACKET
5. SCREW (4)
6. WASHER (4)
7. HEATER HOSE CONNECTIONS
8. PREFORMED HEATER HOSE (RETURN)
9. PREFORMED HEATER HOSE (SUPPLY)
Install
Step 1. Attach the heater assembly to the mounting bracket with four screws and washers. See Heater Assembly Figure.
Step 2. Attach the heater duct to the mounting bracket with two screws and washers. Make sure that the duct mates with the heater input opening.
Step 3. Make sure that the seal on the door side of the duct is installed correctly.
Step 4. Connect the heater electrical connector.
Step 5. Connect the two preformed heater hoses to the heater. See Heater Assembly Figure.
Illustration Viewer
Illustration: 1
Size:
Small
Medium
Large
Huge
Done
Internet

Select "File" then "Print" or click the printer icon to print both the instructions and the illustration.

Support Data

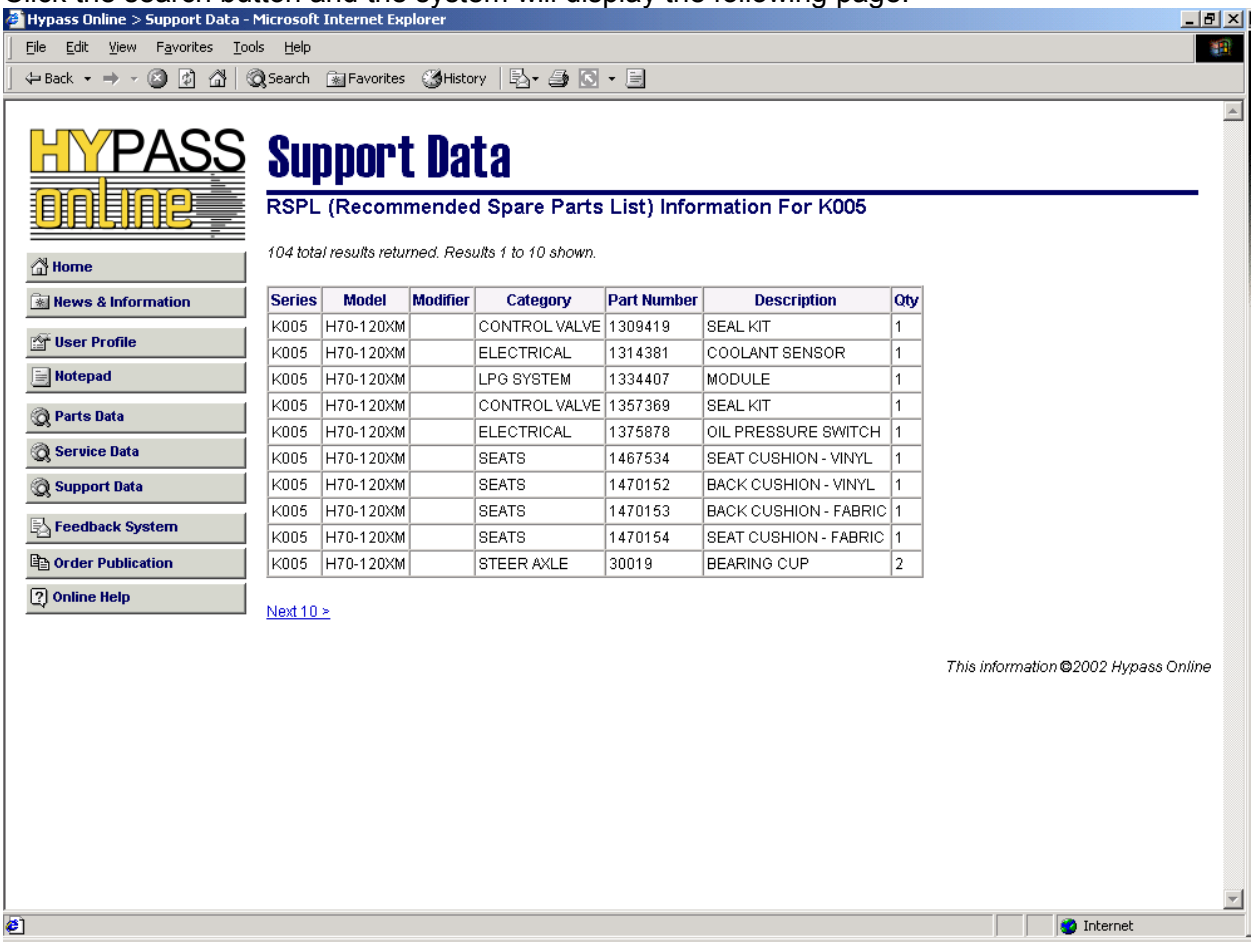
Click on the large “Support Data” button from any of the Hypass Online screens. Select your series code or model for which you would like to view support data. For our example, we will utilize series code K005, and the display will appear as follows:

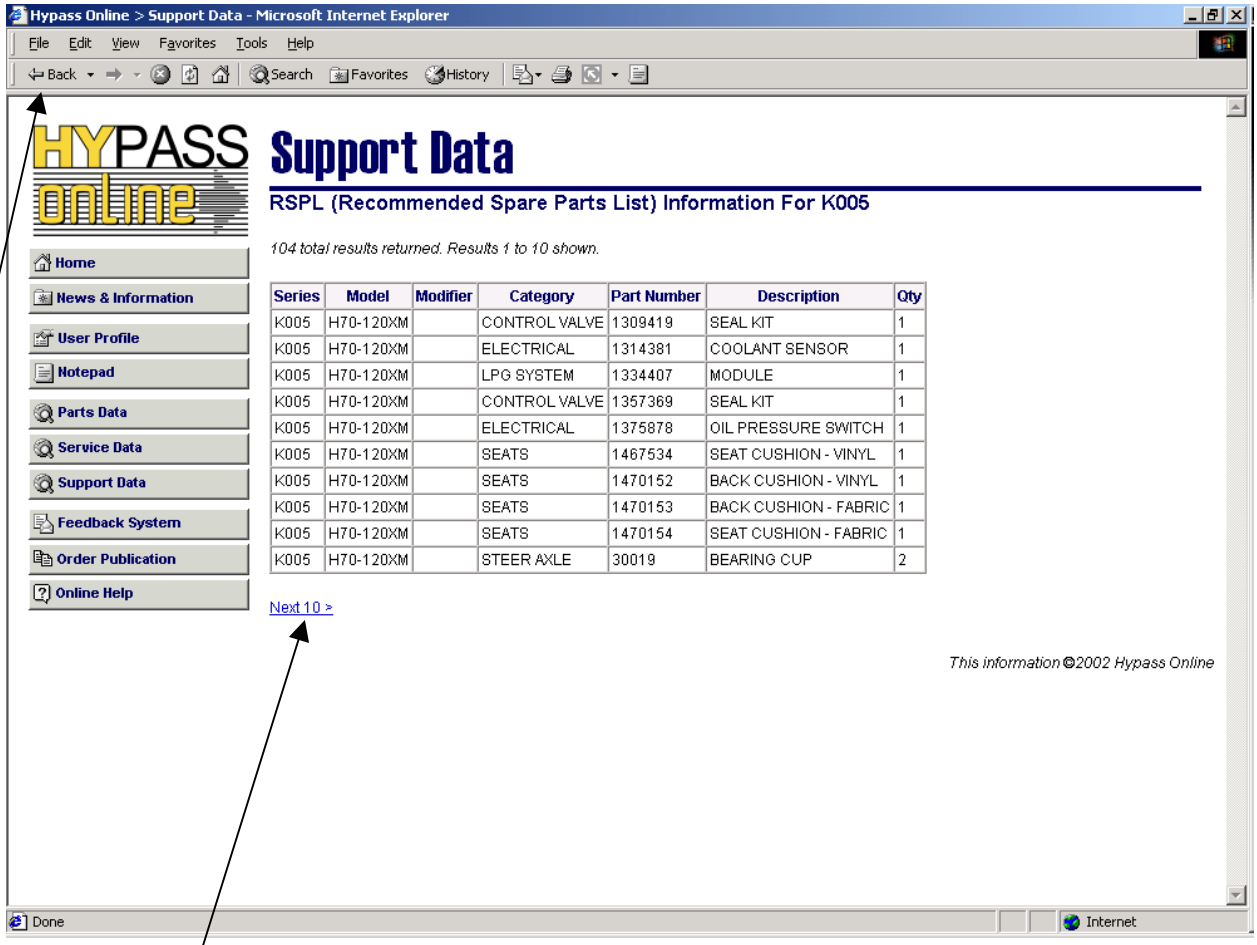

Hypass Online > Support Data - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
HYPASS online
Support Data
To locate support data, please supply information about your truck using the form below.
Home
News & Information
User Profile
Notepad
Parts Data
Service Data
Support Data
Feedback System
Order Publication
Online Help
Your Current Truck Info: K005
Reset Truck Info
Supply Your Truck's Serial Number
Examples: A89 or A896N02437Y
Serial Number:
Submit
Or Tell Us About Your Truck
Class is not required, but will help narrow down the number of Series Codes and Model No.'s available. A Series Code or Model Number is required.
Class: Select A Class To View
Series Code: All Series Codes
Model No.: All Model No.'s
What Do You Want To Search For?
Click the SPIder Web button to view SPI Information.
SPIder Web
Search All Truck Information (Note: Searches may take longer to perform using this option.)
Search RSPL (Recommended Spare Parts List) For
Search
Internet

RSPL (Recommended Spare Parts Lists)

Once you’ve set your current truck information to the desired truck, using the dropdown window at the bottom of the Support Data screen, position the RSPL (Recommended Spare Parts Lists) title in the window.

Click the search button and the system will display the following page:


Hypass Online > Support Data - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
HYPASS online
Support Data
RSPL (Recommended Spare Parts List) Information For K005
104 total results returned. Results 1 to 10 shown.
Home
News & Information
User Profile
Notepad
Parts Data
Service Data
Support Data
Feedback System
Order Publication
Online Help
Series | Model | Modifier | Category | Part Number | Description | Qty
K005 | H70-120XM | | CONTROL VALVE | 1309419 | SEAL KIT | 1
K005 | H70-120XM | | ELECTRICAL | 1314381 | COOLANT SENSOR | 1
K005 | H70-120XM | | LPG SYSTEM | 1334407 | MODULE | 1
K005 | H70-120XM | | CONTROL VALVE | 1357369 | SEAL KIT | 1
K005 | H70-120XM | | ELECTRICAL | 1375878 | OIL PRESSURE SWITCH | 1
K005 | H70-120XM | | SEATS | 1467534 | SEAT CUSHION - VINYL | 1
K005 | H70-120XM | | SEATS | 1470152 | BACK CUSHION - VINYL | 1
K005 | H70-120XM | | SEATS | 1470153 | BACK CUSHION - FABRIC | 1
K005 | H70-120XM | | SEATS | 1470154 | SEAT CUSHION - FABRIC | 1
K005 | H70-120XM | | STEER AXLE | 30019 | BEARING CUP | 2
Next 10 >
This information ©2002 Hypass Online
Internet

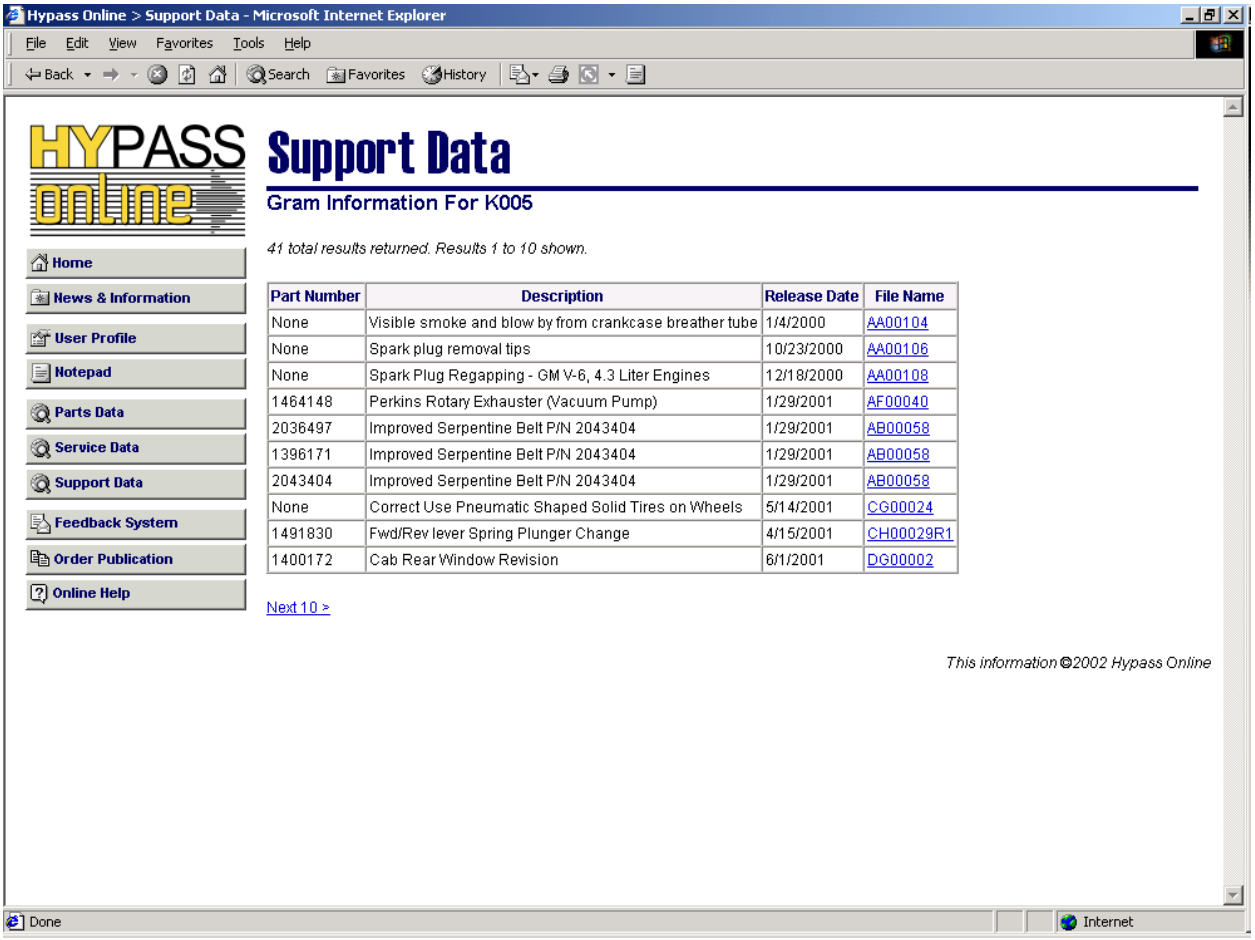

Hypass Online > Support Data - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
HYPASS online
Support Data
RSPL (Recommended Spare Parts List) Information For K005
104 total results returned. Results 1 to 10 shown.
Home
News & Information
User Profile
Notepad
Parts Data
Service Data
Support Data
Feedback System
Order Publication
Online Help
Series | Model | Modifier | Category | Part Number | Description | Qty
K005 | H70-120XM | | CONTROL VALVE | 1309419 | SEAL KIT | 1
K005 | H70-120XM | | ELECTRICAL | 1314381 | COOLANT SENSOR | 1
K005 | H70-120XM | | LPG SYSTEM | 1334407 | MODULE | 1
K005 | H70-120XM | | CONTROL VALVE | 1357369 | SEAL KIT | 1
K005 | H70-120XM | | ELECTRICAL | 1375878 | OIL PRESSURE SWITCH | 1
K005 | H70-120XM | | SEATS | 1467534 | SEAT CUSHION - VINYL | 1
K005 | H70-120XM | | SEATS | 1470152 | BACK CUSHION - VINYL | 1
K005 | H70-120XM | | SEATS | 1470153 | BACK CUSHION - FABRIC | 1
K005 | H70-120XM | | SEATS | 1470154 | SEAT CUSHION - FABRIC | 1
K005 | H70-120XM | | STEER AXLE | 30019 | BEARING CUP | 2
Next 10 >
This information ©2002 Hypass Online
Done
Internet

Click the “Next 10” to view the next ten records.

Use the browser “back” button to return to the Support Data screen.

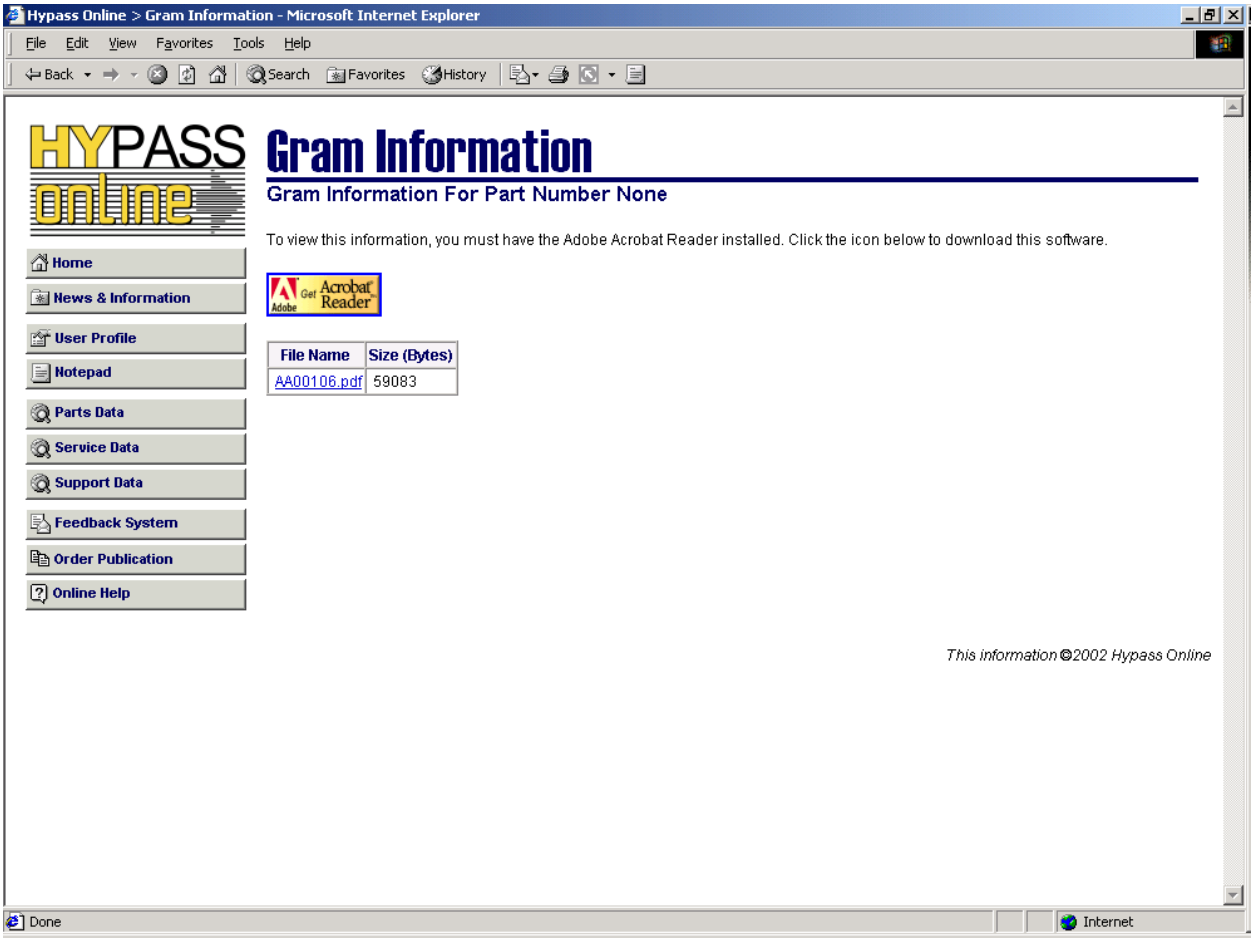
Accessing Service Grams

Once you've set your current truck information to the desired truck, using the dropdown window at the bottom of the Support Data screen, position the Grams title in the window. Click the search button and the system will display the following page:


Hypass Online > Support Data - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
HYPASS online
Support Data
Gram Information For K005
41 total results returned. Results 1 to 10 shown.
Home
News & Information
User Profile
Notepad
Parts Data
Service Data
Support Data
Feedback System
Order Publication
Online Help
Part Number | Description | Release Date | File Name
None | Visible smoke and blow by from crankcase breather tube | 1/4/2000 | AA00104
None | Spark plug removal tips | 10/23/2000 | AA00106
None | Spark Plug Regapping - GM V-6, 4.3 Liter Engines | 12/18/2000 | AA00108
1464148 | Perkins Rotary Exhauster (Vacuum Pump) | 1/29/2001 | AF00040
2036497 | Improved Serpentine Belt P/N 2043404 | 1/29/2001 | AB00058
1396171 | Improved Serpentine Belt P/N 2043404 | 1/29/2001 | AB00058
2043404 | Improved Serpentine Belt P/N 2043404 | 1/29/2001 | AB00058
None | Correct Use Pneumatic Shaped Solid Tires on Wheels | 5/14/2001 | CG00024
1491830 | Fwd/Rev lever Spring Plunger Change | 4/15/2001 | CH00029R1
1400172 | Cab Rear Window Revision | 6/1/2001 | DG00002
Next 10 >
This information ©2002 Hypass Online
Done
Internet

The system responds with a PDF (Acrobat Reader) file. If you do not have Acrobat Reader on your computer, click the Acrobat Reader icon on the screen and you will be passed to the Acrobat web page, where you can download the software.

If you have Acrobat Reader, click on the file name (AA00106.pdf) to open the file.



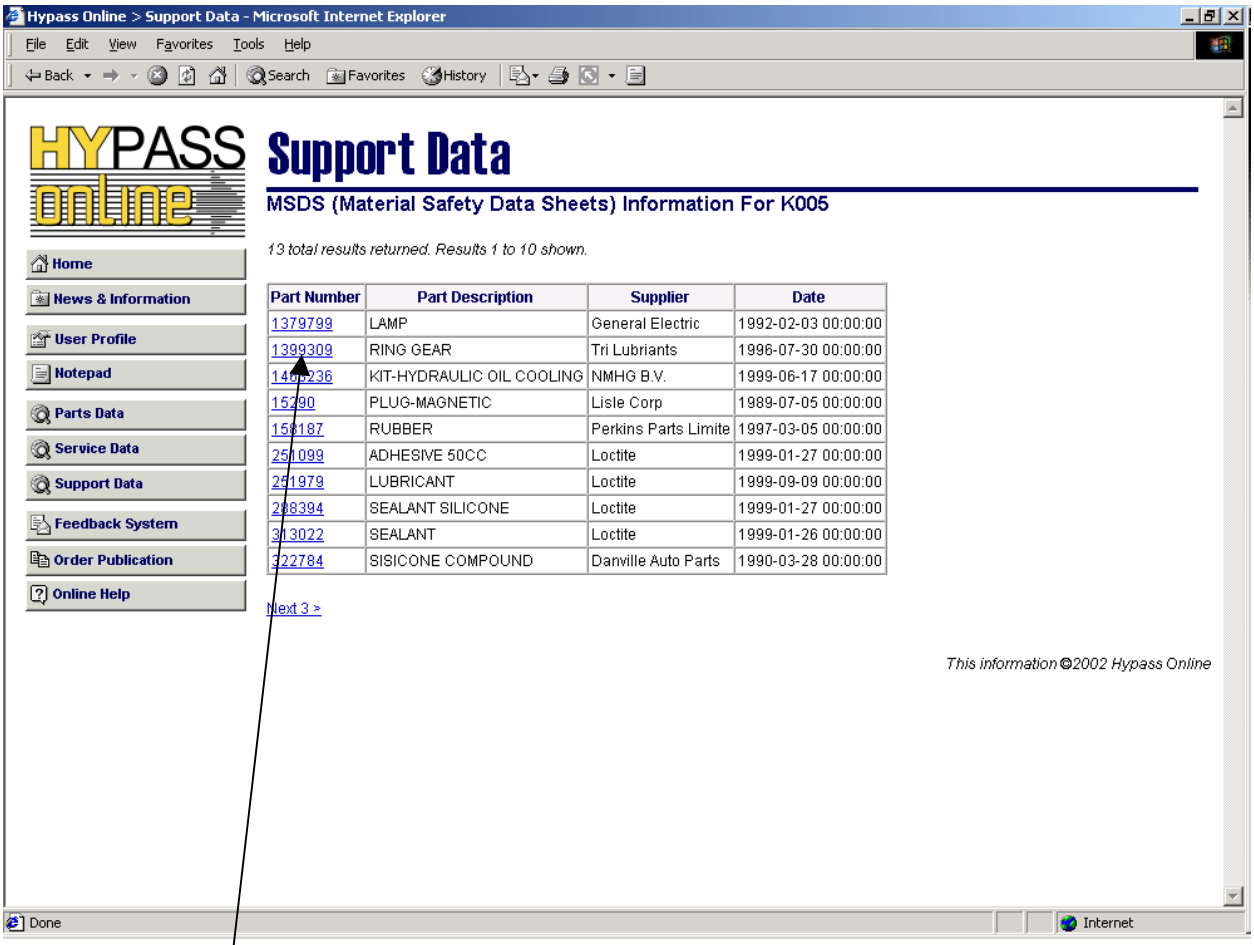
The following display will appear:

http://solutions.oneil.com/trd/eng/sat/gra/sup/AA00106.pdf - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
152%
Bookmarks
Thumbnails
HYSTER
PARTS - SERVICE
GRAM
AA00106
10/23/2000
(K005) H70-120XM
TO: ALL HYSTER INDUSTRIAL TRUCK DEALER PRINCIPALS, SERVICE MANAGERS AND PARTS MANAGERS
Subject: Spark Plug Removal
Description:
In response to several field complaints regarding the difficulty in replacing spark plugs during normal maintenance, this gram is being issued to provide your technicians with suggestions to ease that job.
1- Park the truck in a safe work area.
2- After gaining access to the engine compartment on the right side, disconnect and remove the battery
3- Removal of the drip shield will make the # 3 and # 5 plugs more accessible. Since the normal inclination of the technician is to reach straight down when removing these plugs, it will be less awkward to stand further to the rear and reach forward to the plugs with the right hand. This allows the forearm to be more horizontal with less backward movement of the wrist.
1 of 1
8.5 x 11 in
Done
Internet

You can print the file by clicking on your printer icon or selecting “File” and then select “Print”.

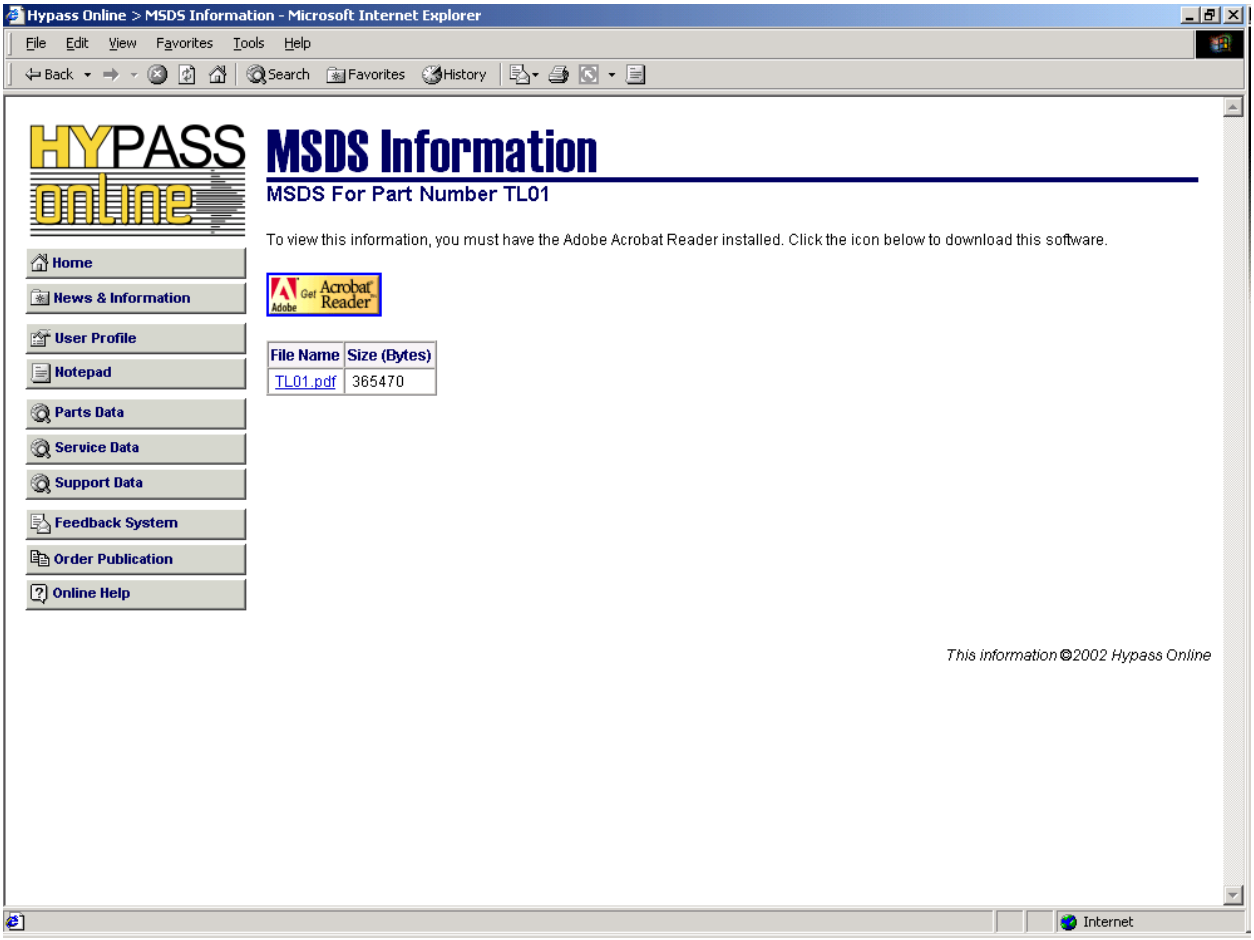
Accessing MSDS (Material Safety Data Sheets)

Once you've set your current truck information to the desired truck, using the dropdown window at the bottom of the Support Data screen, position the MSDS title in the window. Click the search button and the system will display the following page:


Hypass Online > Support Data - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
HYPASS online
Support Data
MSDS (Material Safety Data Sheets) Information For K005
13 total results returned. Results 1 to 10 shown.
Part Number | Part Description | Supplier | Date
1379799 | LAMP | General Electric | 1992-02-03 00:00:00
1399309 | RING GEAR | Tri Lubriants | 1996-07-30 00:00:00
1466236 | KIT-HYDRAULIC OIL COOLING | NMHG B.V. | 1999-06-17 00:00:00
15290 | PLUG-MAGNETIC | Lisle Corp | 1989-07-05 00:00:00
158187 | RUBBER | Perkins Parts Limite | 1997-03-05 00:00:00
251099 | ADHESIVE 50CC | Loctite | 1999-01-27 00:00:00
251979 | LUBRICANT | Loctite | 1999-09-09 00:00:00
208394 | SEALANT SILICONE | Loctite | 1999-01-27 00:00:00
313022 | SEALANT | Loctite | 1999-01-26 00:00:00
322784 | SISICONE COMPOUND | Danville Auto Parts | 1990-03-28 00:00:00
Next 3 >
Home
News & Information
User Profile
Notepad
Parts Data
Service Data
Support Data
Feedback System
Order Publication
Online Help
This information ©2002 Hypass Online
Done
Internet

Select the second item, Ring Gear, by clicking on the part number (1399309).

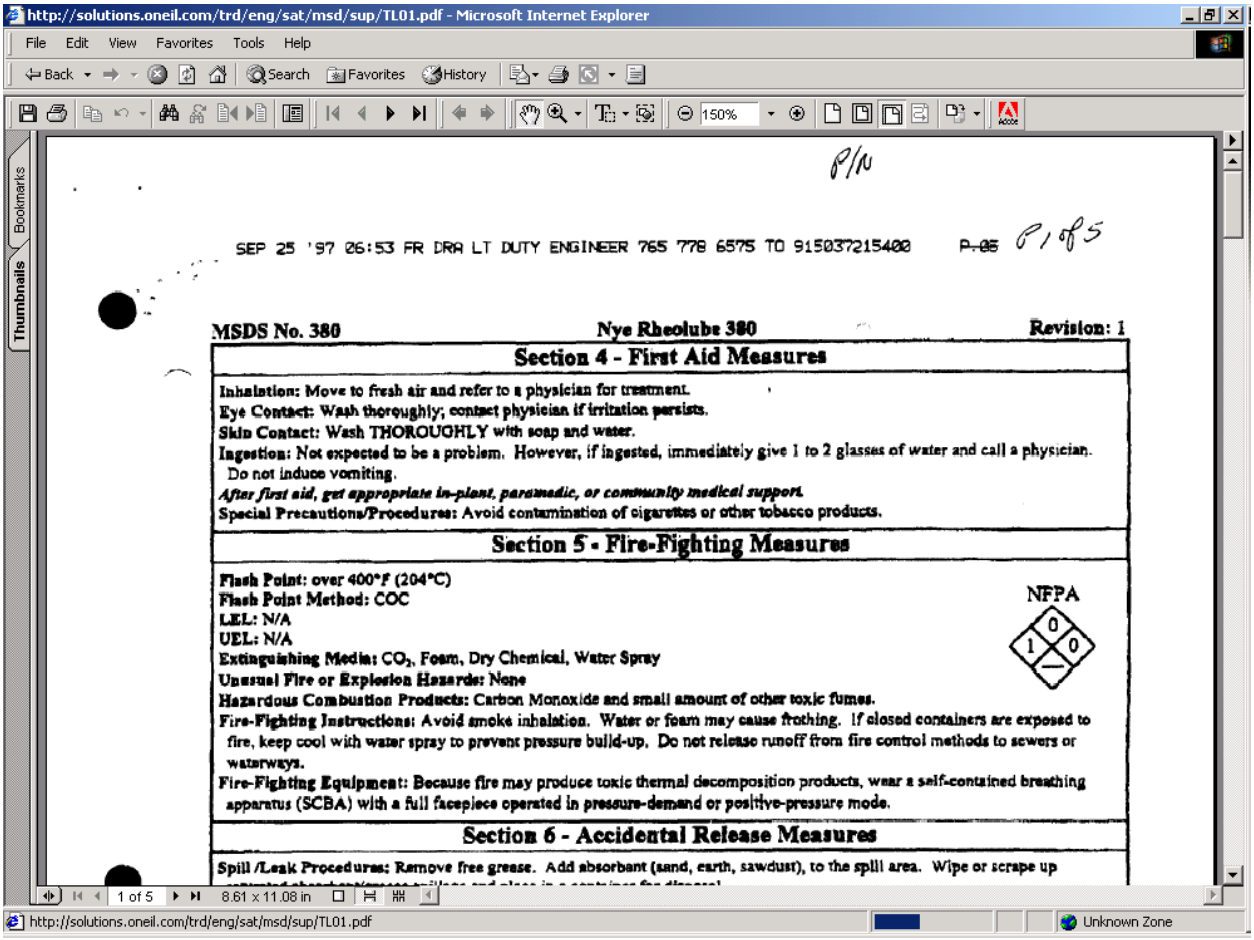
The system will respond with the following display:



The system responds with a PDF (Acrobat Reader) file. If you do not have Acrobat Reader on your computer, click the Acrobat Reader icon on the screen and you will be passed to the Acrobat web page, where you can download the software.

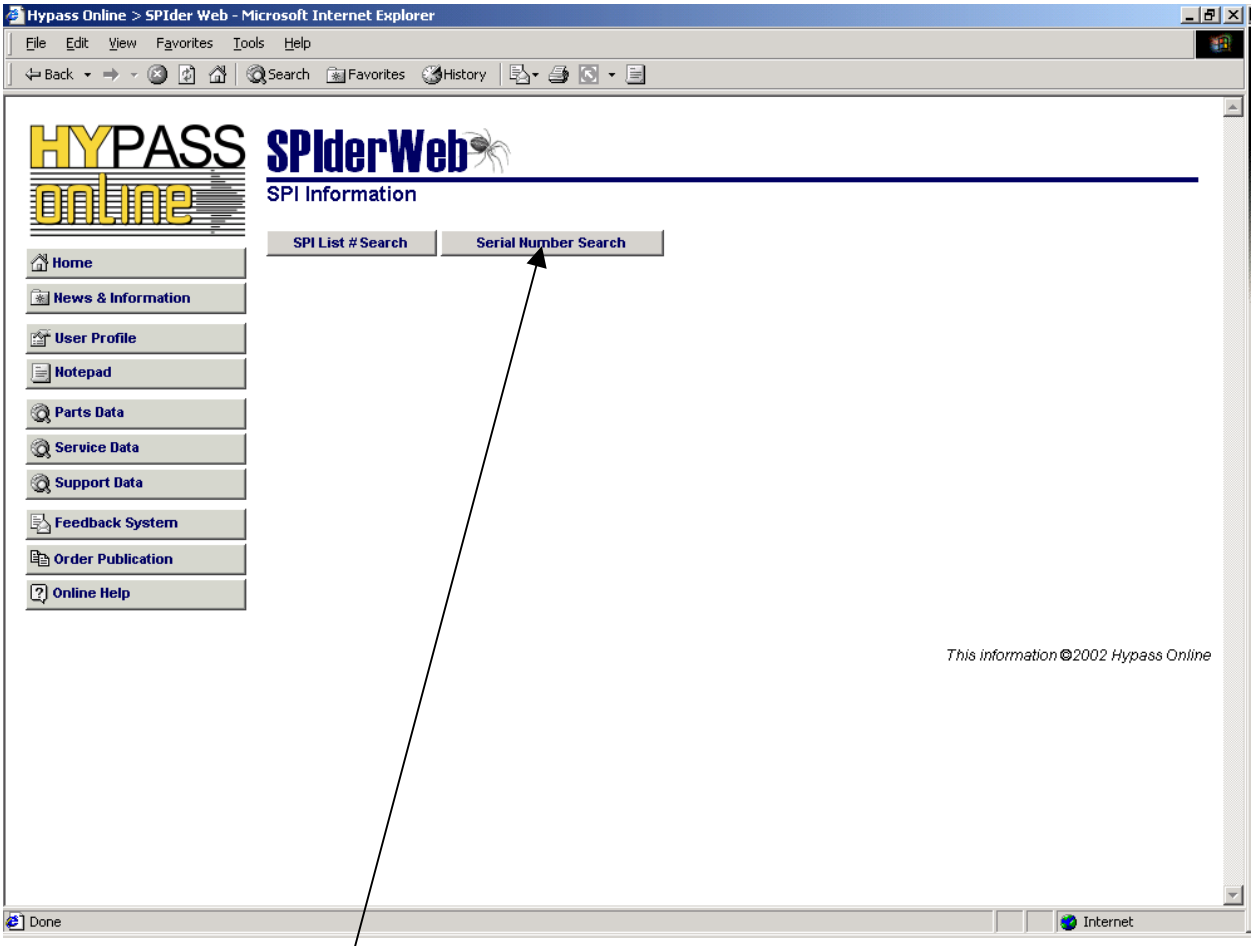
If you have Acrobat Reader, click on the file name (TL01.pdf) to open the file.

The system will display the following:


http://solutions.oneil.com/trd/eng/sat/msd/sup/TL01.pdf - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
150%
Bookmarks
Thumbnails
P/N
SEP 25 '97 06:53 FR DRA LT DUTY ENGINEER 765 778 6575 TO 915037215400 P.05
MSDS No. 380 Nye Rheolube 380 Revision: 1
Section 4 - First Aid Measures
Inhalation: Move to fresh air and refer to a physician for treatment.
Eye Contact: Wash thoroughly; contact physician if irritation persists.
Skin Contact: Wash THOROUGHLY with soap and water.
Ingestion: Not expected to be a problem. However, if ingested, immediately give 1 to 2 glasses of water and call a physician. Do not induce vomiting.
After first aid, get appropriate in-plant, paramedic, or community medical support.
Special Precautions/Procedures: Avoid contamination of cigarettes or other tobacco products.
Section 5 - Fire-Fighting Measures
Flash Point: over 400°F (204°C)
Flash Point Method: COC
LEL: N/A
UEL: N/A
Extinguishing Media: CO2, Foam, Dry Chemical, Water Spray
Unusual Fire or Explosion Hazards: None
Hazardous Combustion Products: Carbon Monoxide and small amount of other toxic fumes.
Fire-Fighting Instructions: Avoid smoke inhalation. Water or foam may cause frothing. If closed containers are exposed to fire, keep cool with water spray to prevent pressure build-up. Do not release runoff from fire control methods to sewers or waterways.
Fire-Fighting Equipment: Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in pressure-demand or positive-pressure mode.
NFPA
0
1
0
Section 6 - Accidental Release Measures
Spill /Leak Procedures: Remove free grease. Add absorbant (sand, earth, sawdust), to the spill area. Wipe or scrape up
1 of 5
8.61 x 11.08 in
http://solutions.oneil.com/trd/eng/sat/msd/sup/TL01.pdf
Unknown Zone

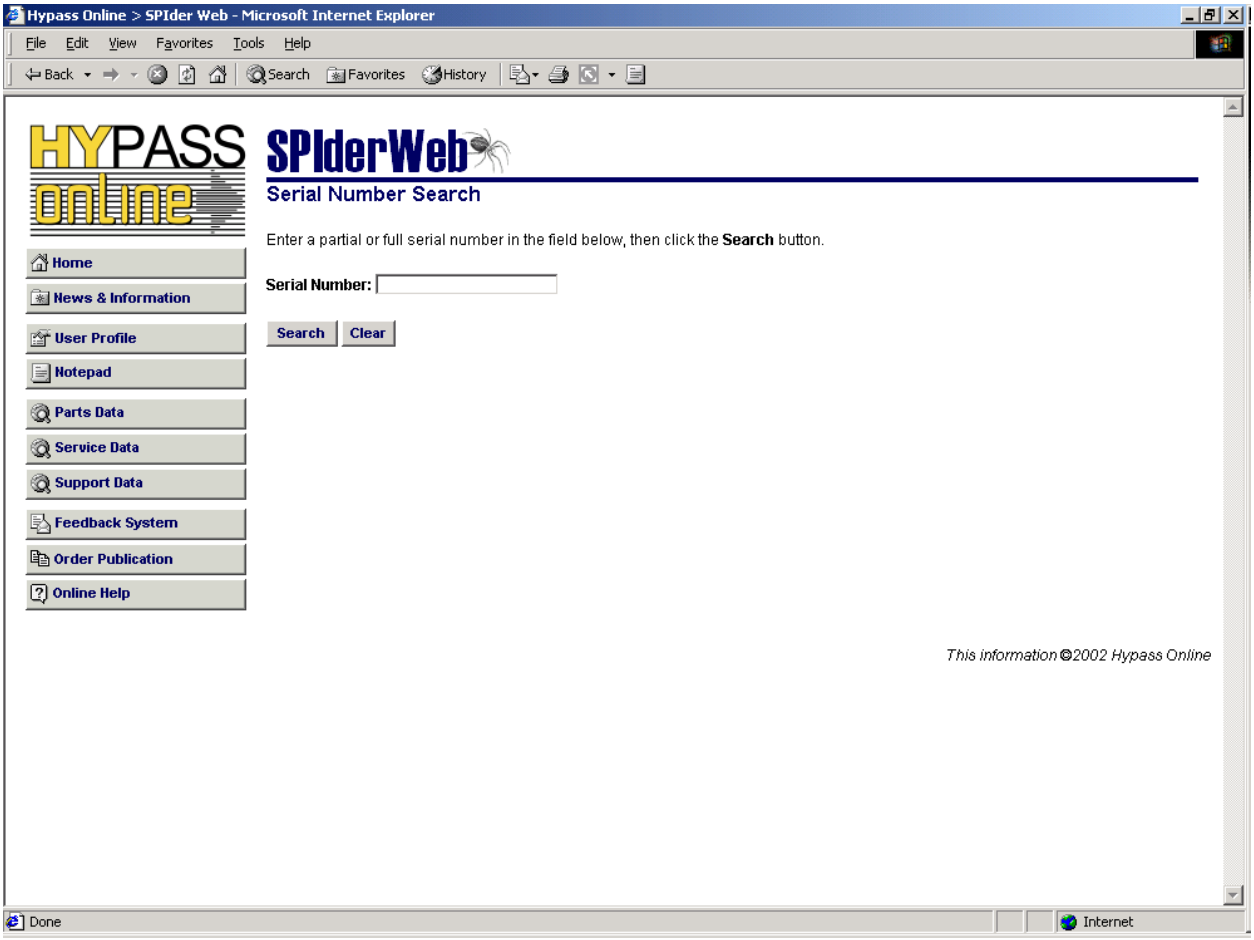
Accessing SPIder Web (Special Engineering) by Serial Number

Click on the “SPIder Web button at the bottom of the Support Data screen, and the system will display the following page:

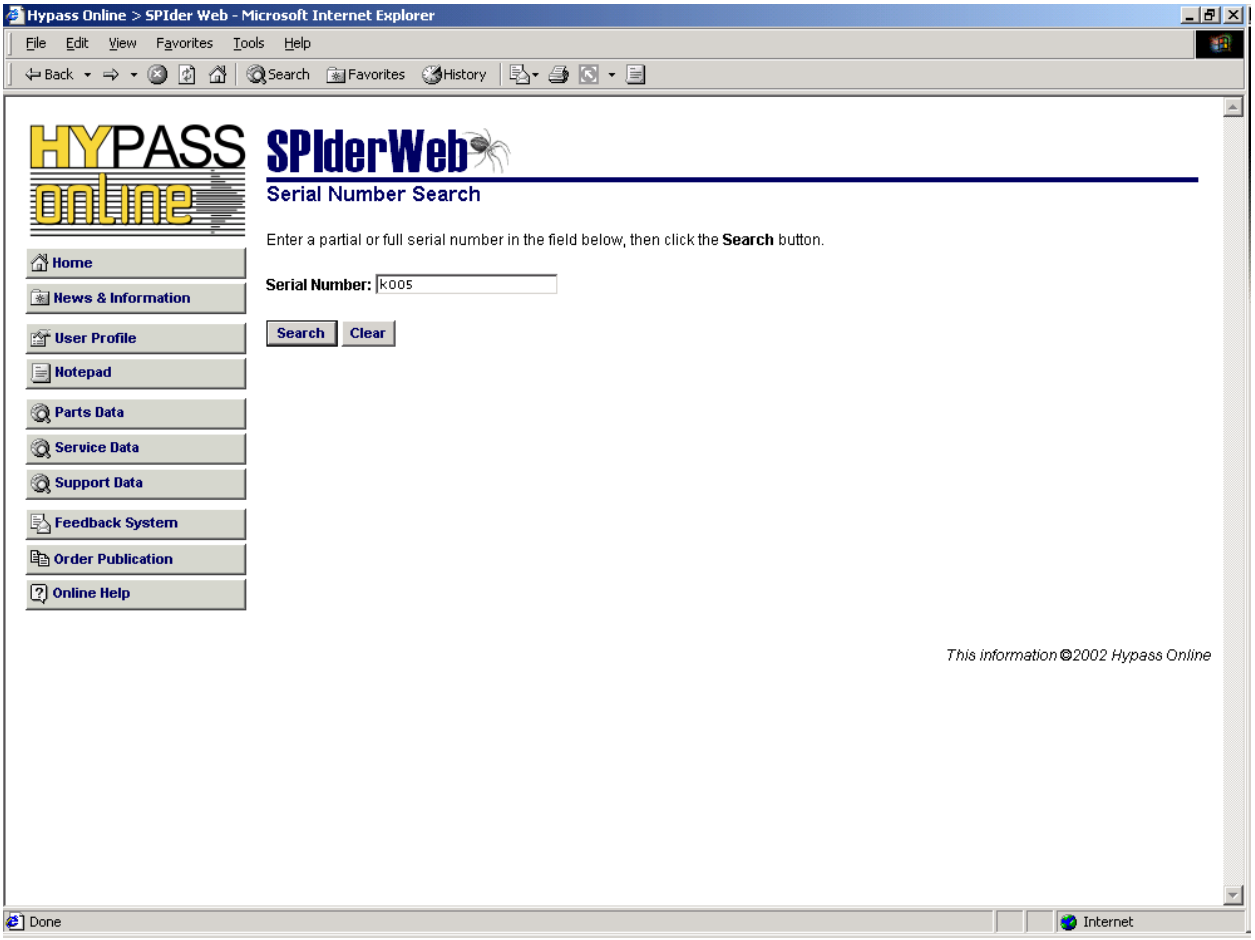


Click on the Serial Number Search button.

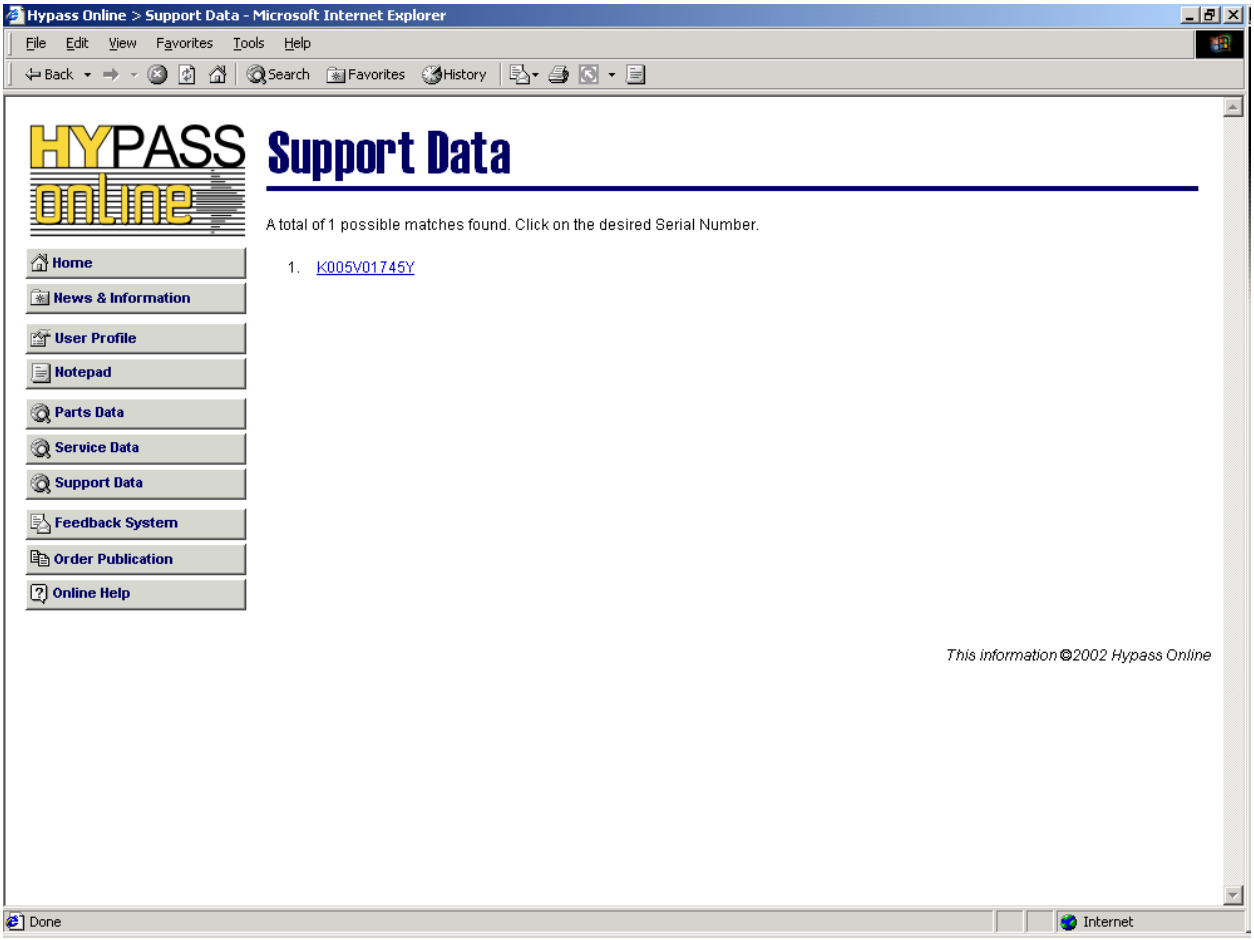
The system will display the following:



Enter your truck series code or specific truck serial number in the Serial Number box provided, and click on the Search button:

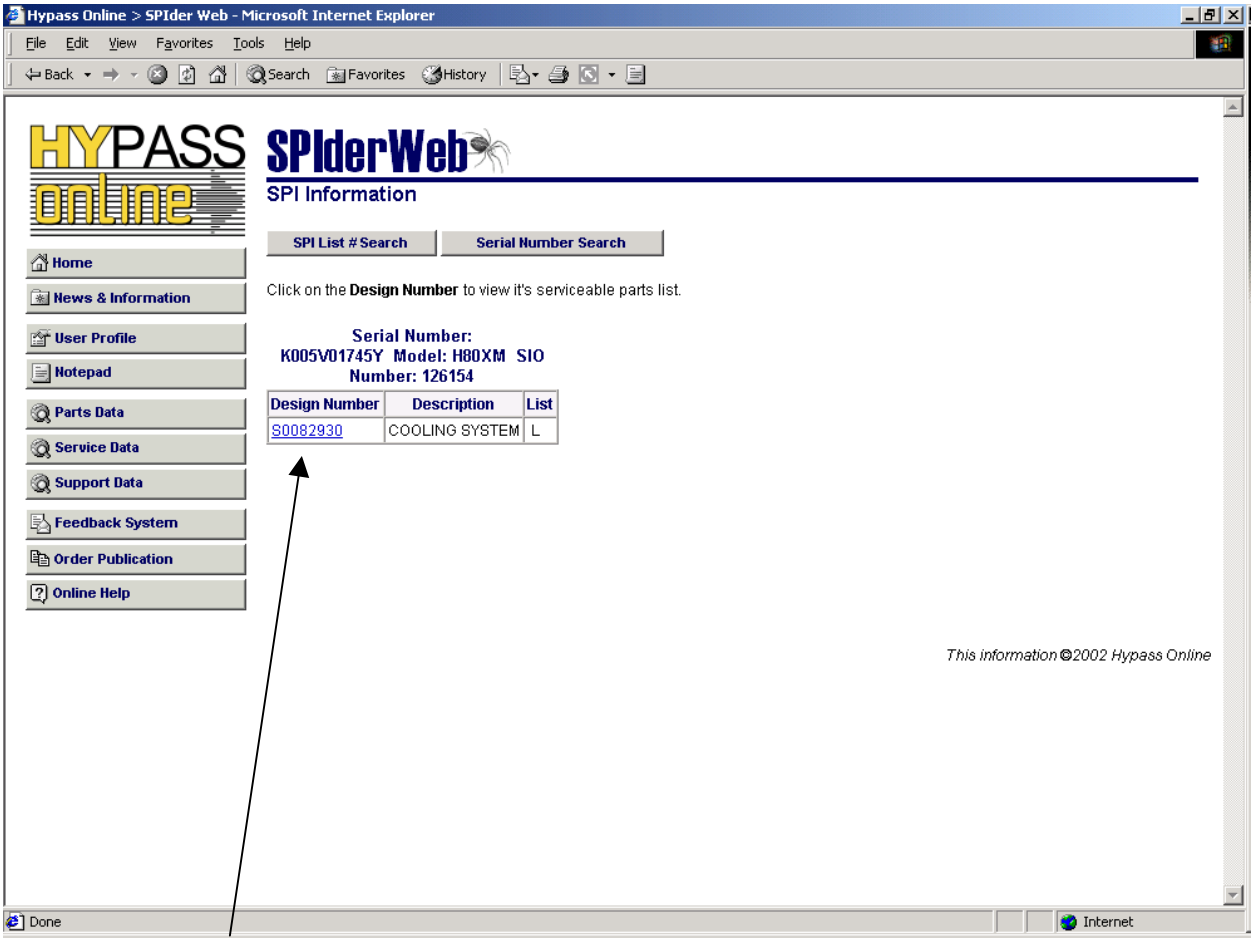


The system will respond with the following selection screen:



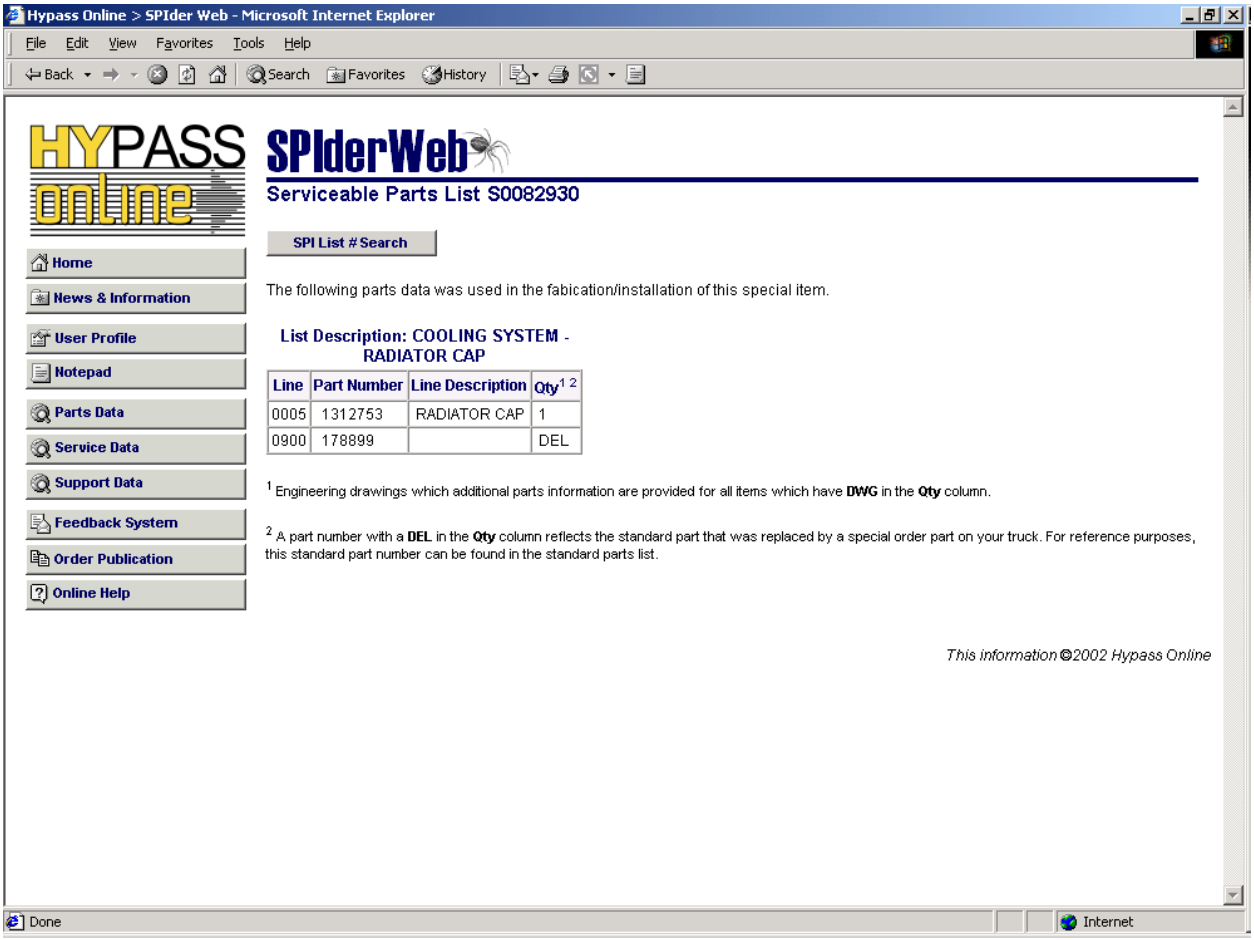
Click on the underlined serial number that you would like to view

The system returns the following display:



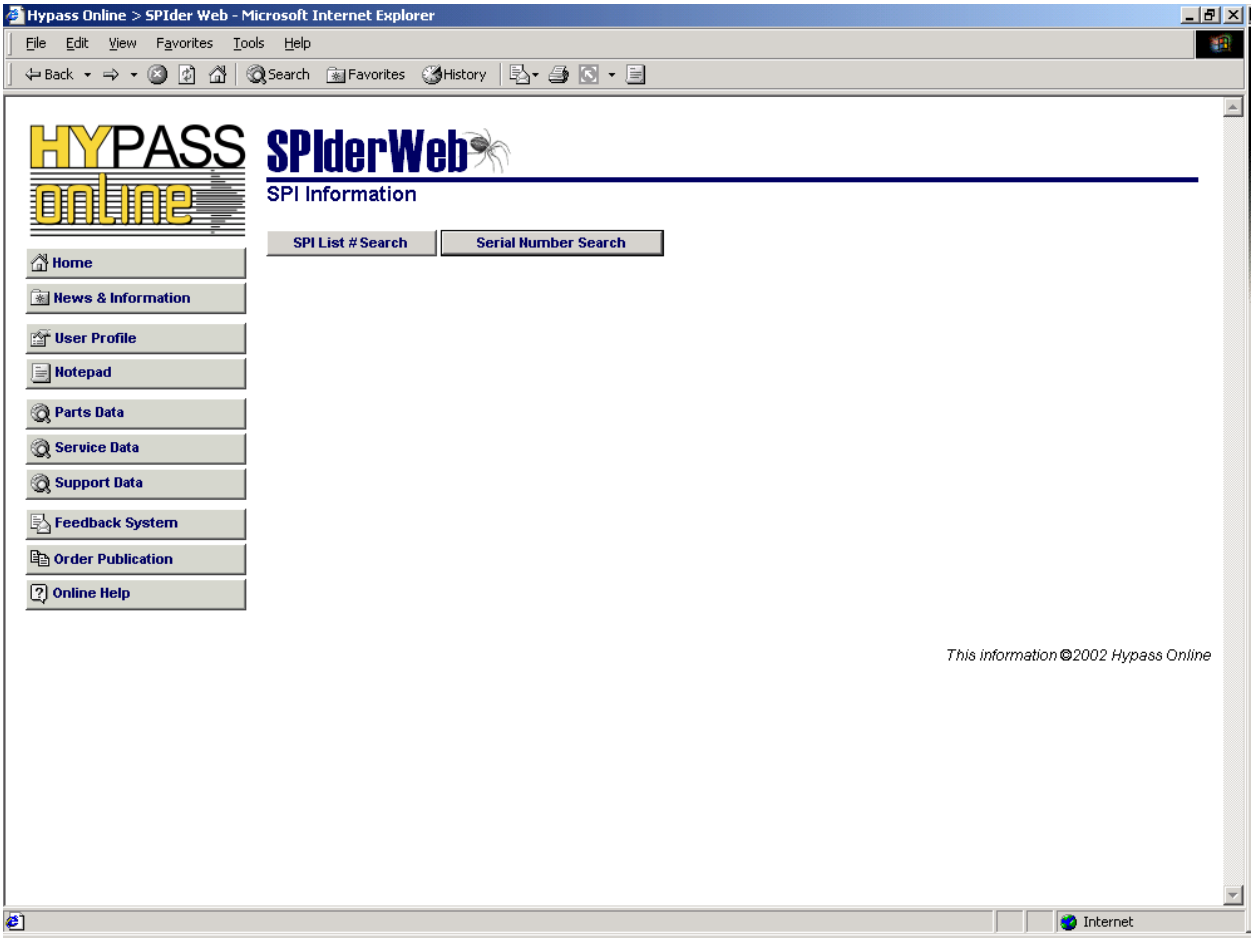
Click on the Design Number that you would like to view. Numerous special engineering efforts may have been completed to the truck, therefore, using the Description; select the Design Number that matches the modification you would like to view.

The system will respond with the following display:

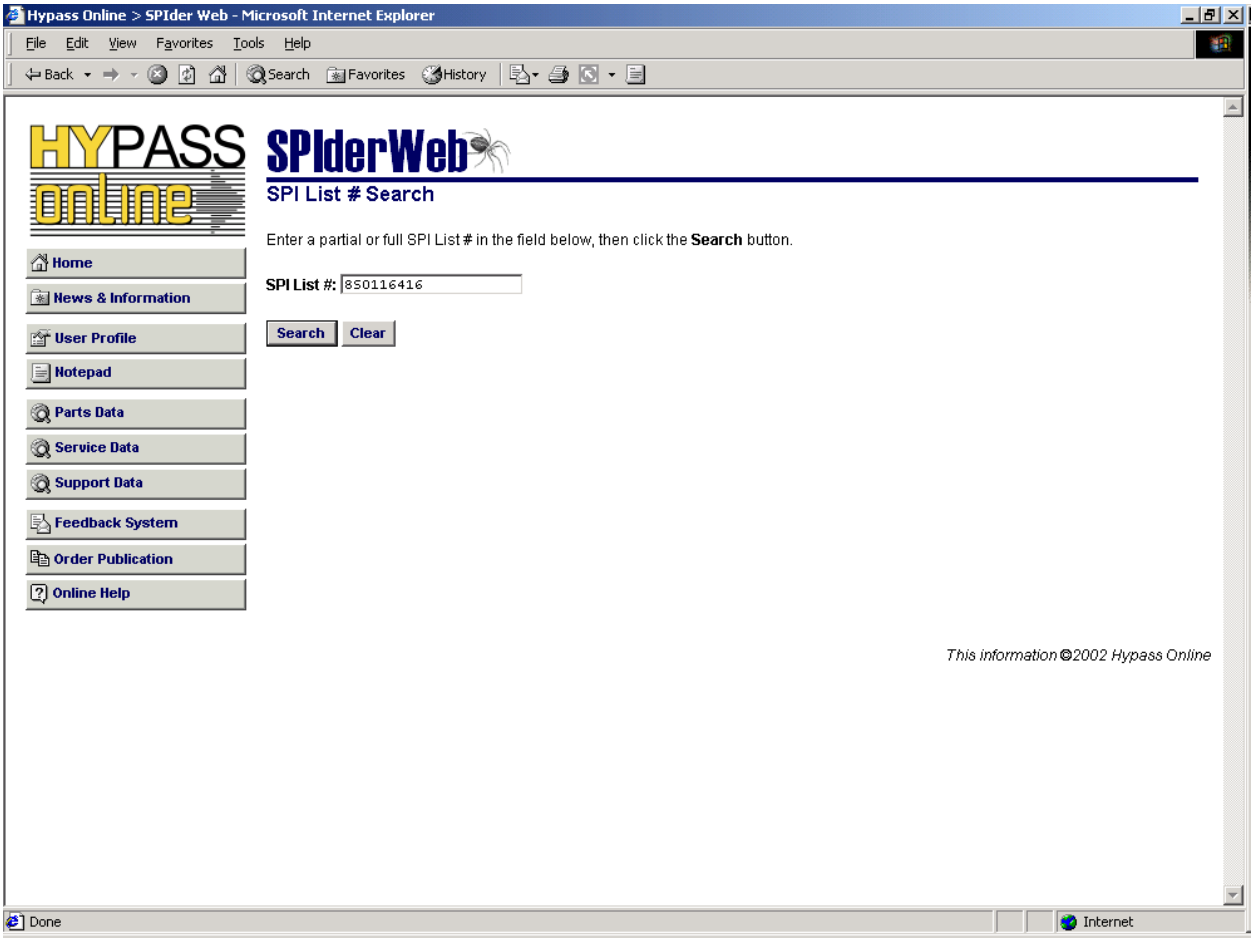

Hypass Online > SPIder Web - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
HYPASS online
SPIderWeb
Serviceable Parts List S0082930
SPI List # Search
Home
News & Information
User Profile
Notepad
Parts Data
Service Data
Support Data
Feedback System
Order Publication
Online Help
The following parts data was used in the fabication/installation of this special item.
List Description: COOLING SYSTEM - RADIATOR CAP
Line | Part Number | Line Description | Qty 1 2
0005 | 1312753 | RADIATOR CAP | 1
0900 | 178899 | | DEL
1 Engineering drawings which additional parts information are provided for all items which have DWG in the Qty column.
2 A part number with a DEL in the Qty column reflects the standard part that was replaced by a special order part on your truck. For reference purposes, this standard part number can be found in the standard parts list.
This information ©2002 Hypass Online
Done
Internet

Accessing SPIder Web (Special Engineering) by SPI List Number

Click on the SPIder Web button at the bottom of the Support Data screen, and the system will display the following page:

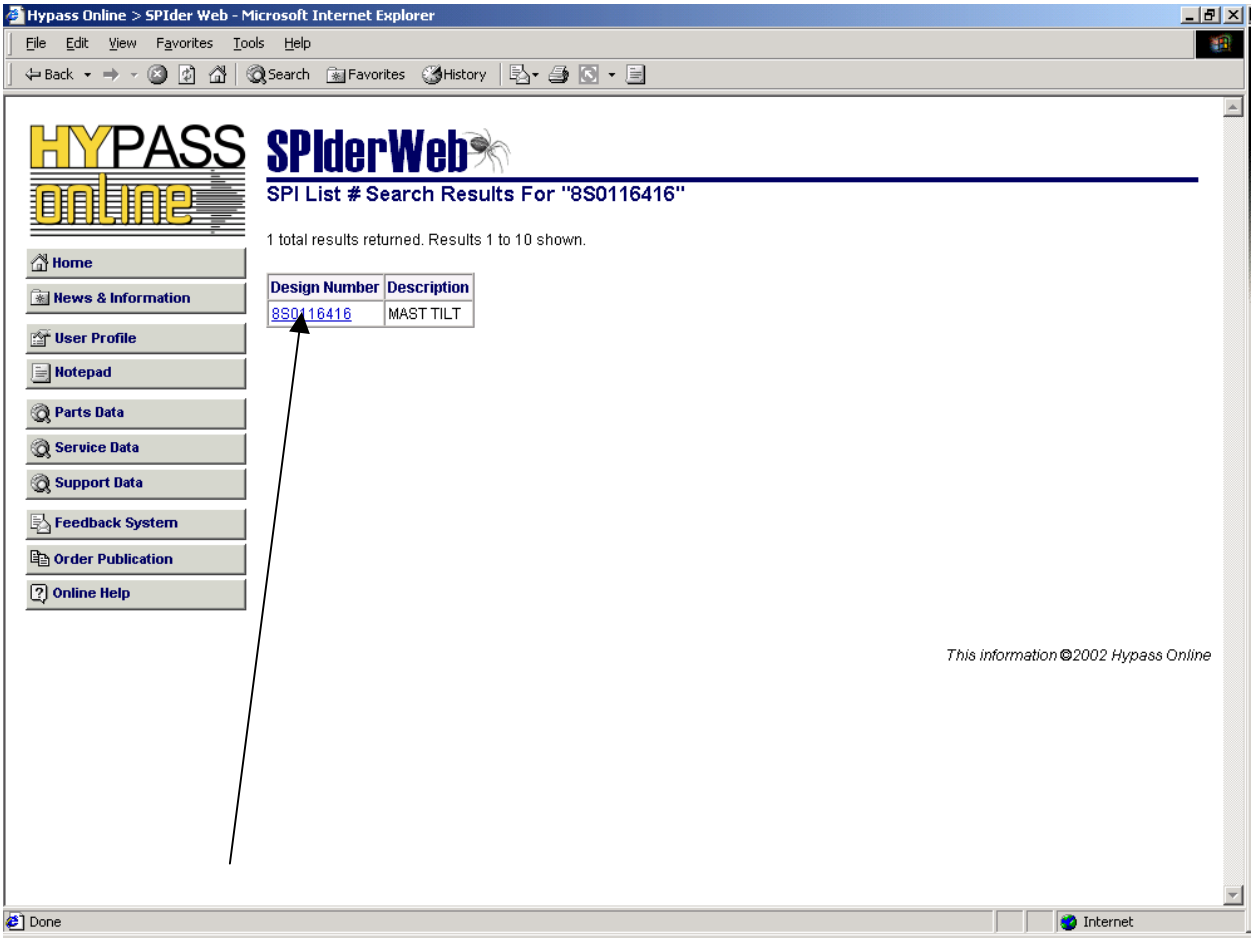


Click on the “SPI List # Search” button, and the system will respond with the following:



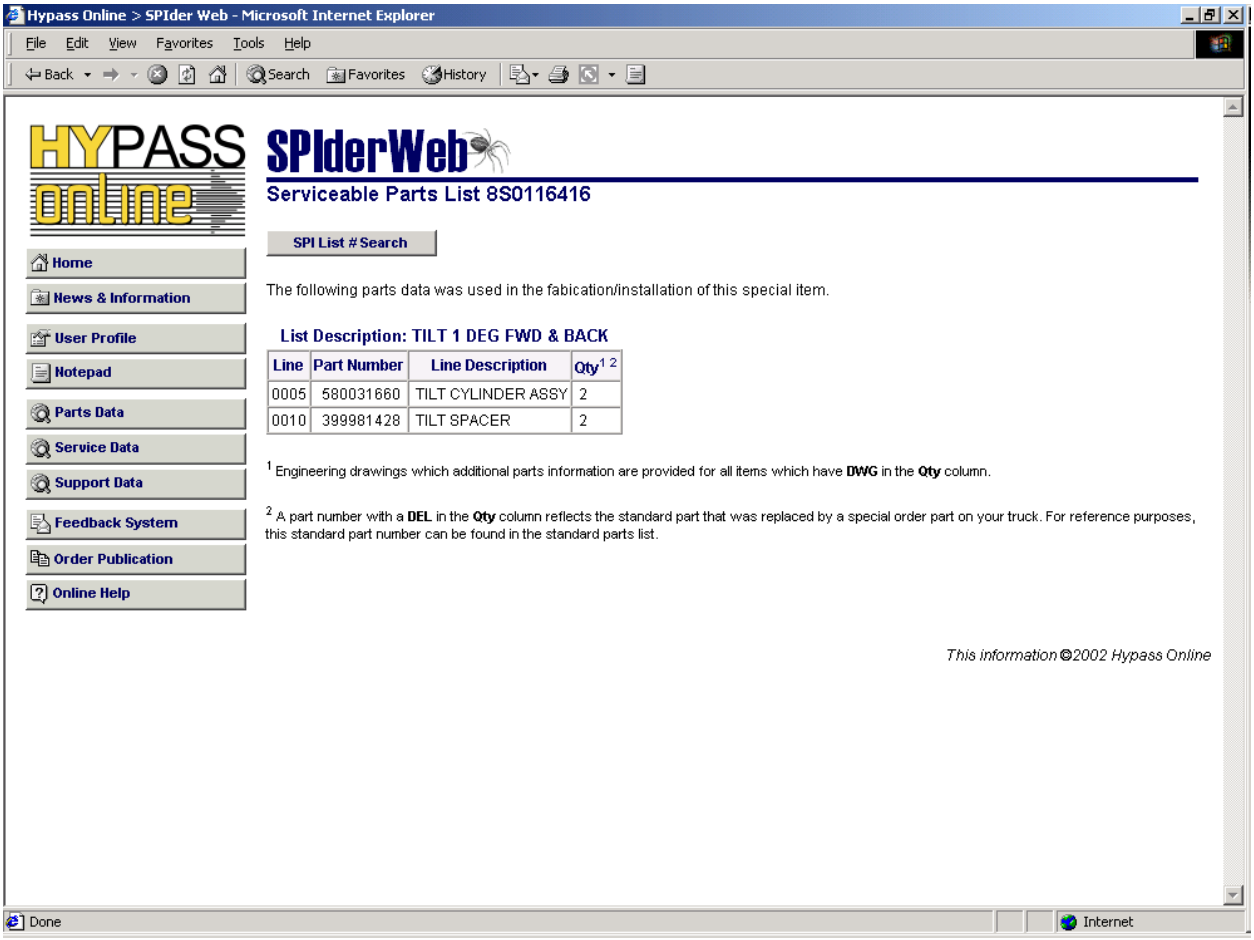
Enter the SPI List # (we are using 8S0116416) and click the Search button:

The system will respond with the following display:



Click on the Design Number to view the parts that were included with this enhancement:

The system will respond with the following display:


Hypass Online > SPIder Web - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
HYPASS online
SPIderWeb
Serviceable Parts List 8S0116416
SPI List # Search
Home
News & Information
User Profile
Notepad
Parts Data
Service Data
Support Data
Feedback System
Order Publication
Online Help
The following parts data was used in the fabication/installation of this special item.
List Description: TILT 1 DEG FWD & BACK
Line | Part Number | Line Description | Qty[1 2]
0005 | 580031660 | TILT CYLINDER ASSY | 2
0010 | 399981428 | TILT SPACER | 2
[1] Engineering drawings which additional parts information are provided for all items which have DWG in the Qty column.
[2] A part number with a DEL in the Qty column reflects the standard part that was replaced by a special order part on your truck. For reference purposes, this standard part number can be found in the standard parts list.
This information ©2002 Hypass Online
Done
Internet

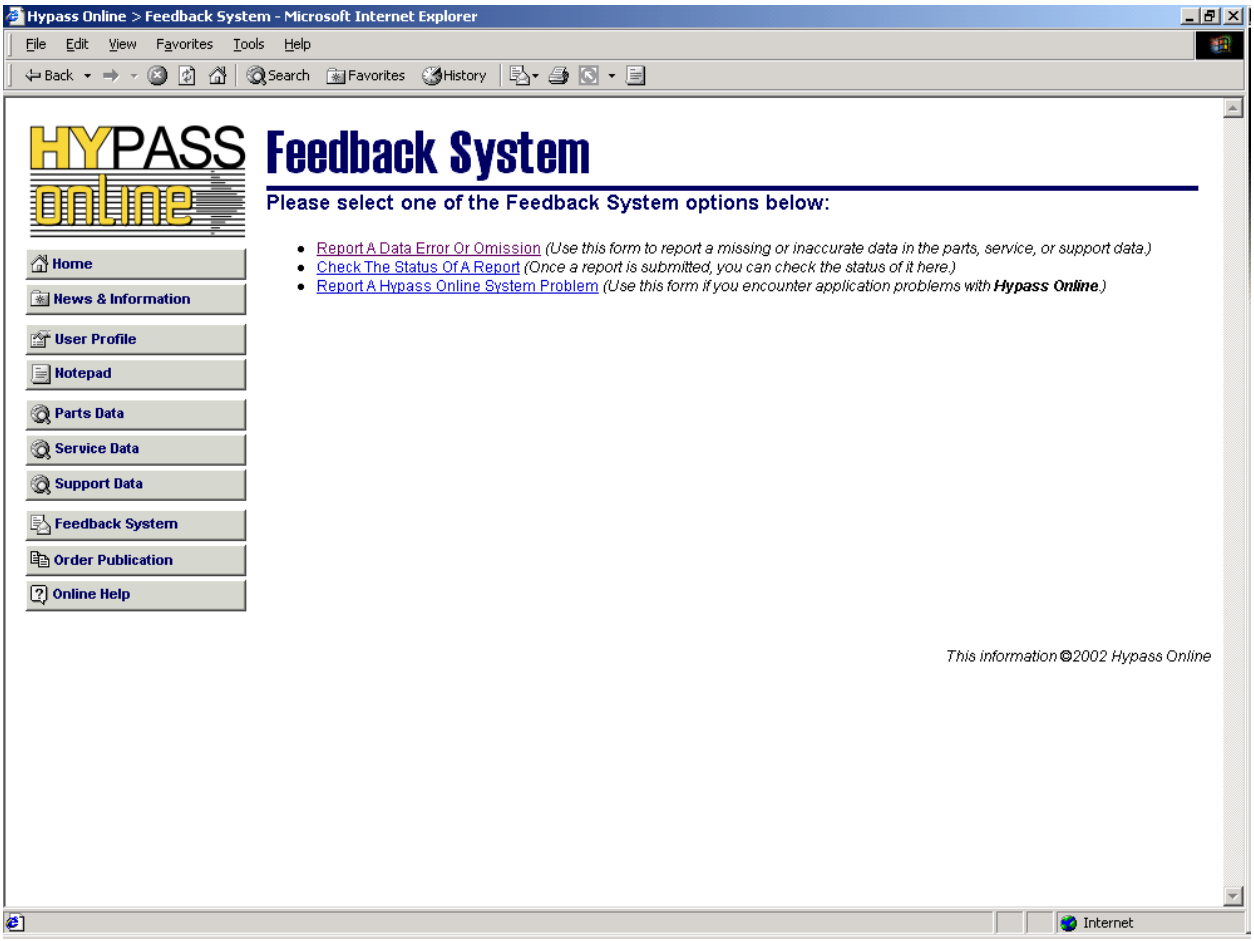
Feedback System

A Feedback System is incorporated into the basic Hypass Online program.
Four types of feedback are available:

- Report A Data Error Or Omission (Use this form to report missing or inaccurate data in the parts, service, or support data.) A parts/service data feedback system is incorporated. This will allow the user to report data errors or omissions. The user will activate the system when a suspected error or omission is found. The user describes the error or omission and notes the location, then submits the report. When the report is received, it is logged and assigned a tracking number. The reporting user is e-mailed the tracking number and may check the progress of the report by utilizing a progress status feature. The report will be analyzed and a disposition made in a timely manner. Upon completion of the action required by the report, the reporting user is again e-mailed with the results of the analysis and the application correction.
- Check The Status Of A Report (Once a report is submitted, you can check the status of it here.)
- Report A Hypass Online System Problem (Use this form if you encounter application problems with Hypass Online.) The ability to report system problems is incorporated into the process. This feature is to report system problems only and not to report data errors or omission issues.
- Report A Hypass Online Parts Problem (Use this form if you encounter problems with parts displayed within Hypass Online).

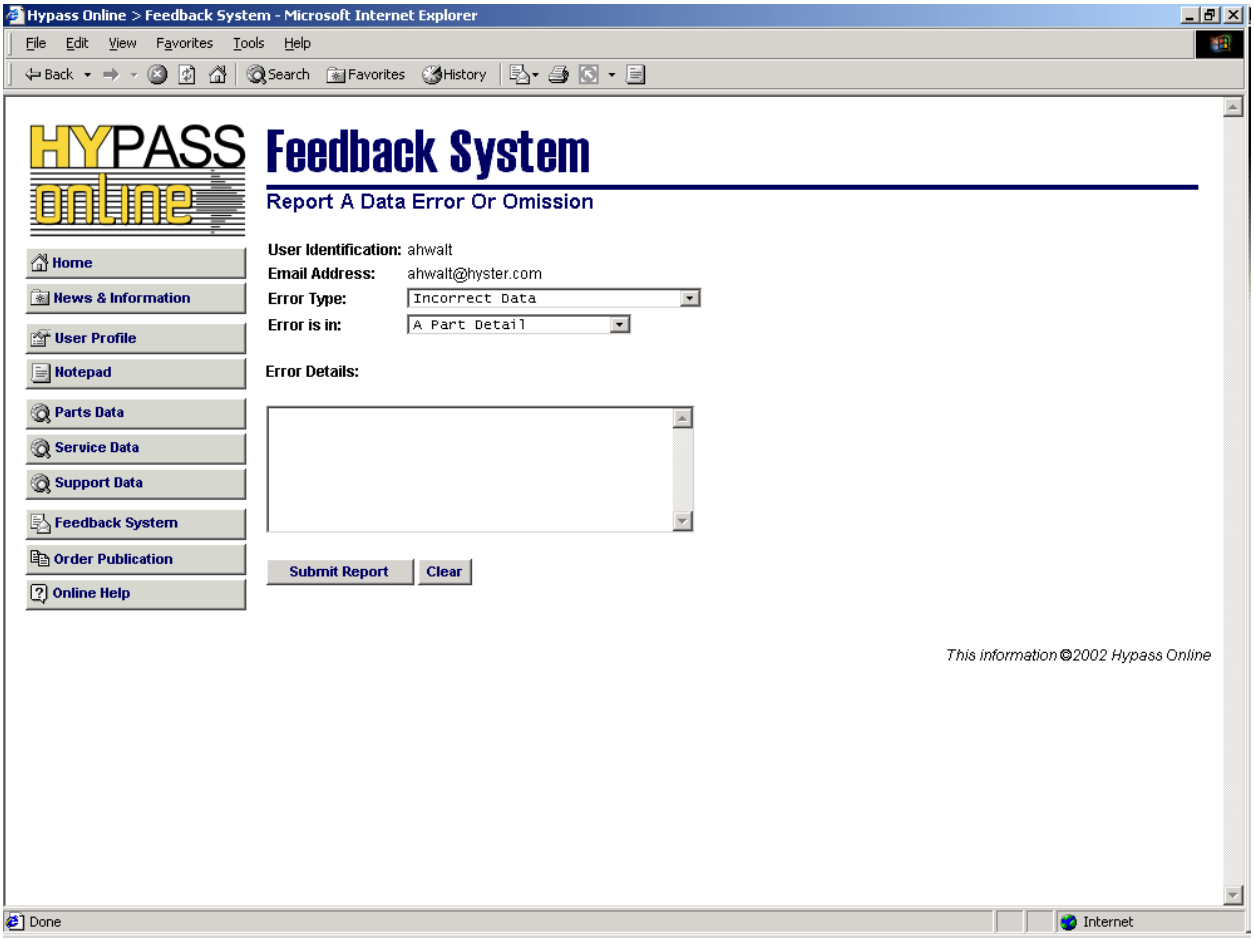
Report A Data Error Or Omission

To utilize the Feedback system, click the large gray button entitled “Feedback System” on the left of you screen, regardless of where you’re browsing (i.e. Home Page, Parts Page, Service Page, etc.). Doing so will cause the following screen to be displayed:


Hypass Online > Feedback System - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
HYPASS online
Feedback System
Please select one of the Feedback System options below:
Report A Data Error Or Omission (Use this form to report a missing or inaccurate data in the parts, service, or support data.)
Check The Status Of A Report (Once a report is submitted, you can check the status of it here.)
Report A Hypass Online System Problem (Use this form if you encounter application problems with Hypass Online.)
Home
News & Information
User Profile
Notepad
Parts Data
Service Data
Support Data
Feedback System
Order Publication
Online Help
This information ©2002 Hypass Online
Internet

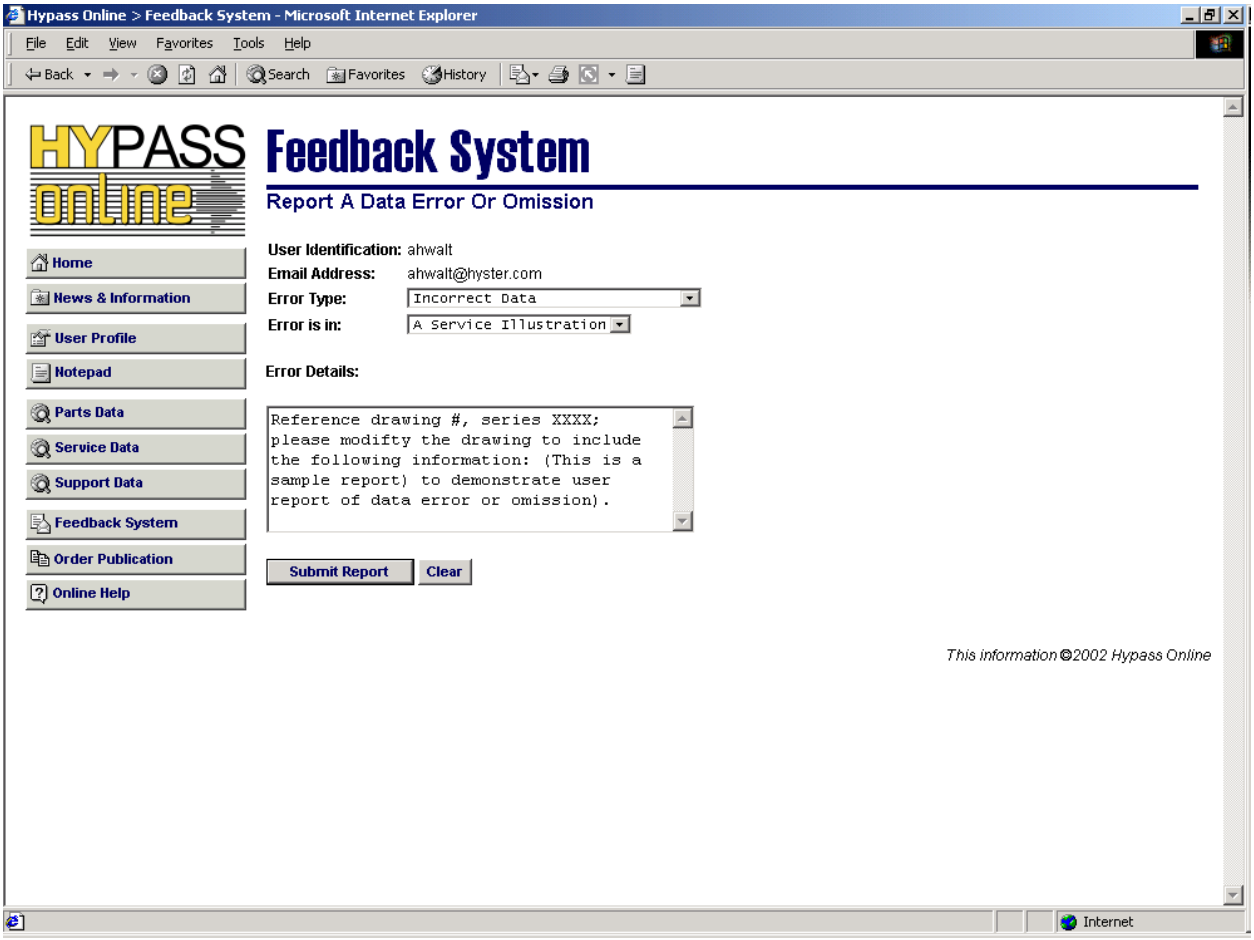
Note: When reporting data errors, omissions, parts identification or systems problems, please provide as much detail as possible

To report a data error or omission, click on the Report A Data Error Or Omission URL, and the system will respond with the following screen display:

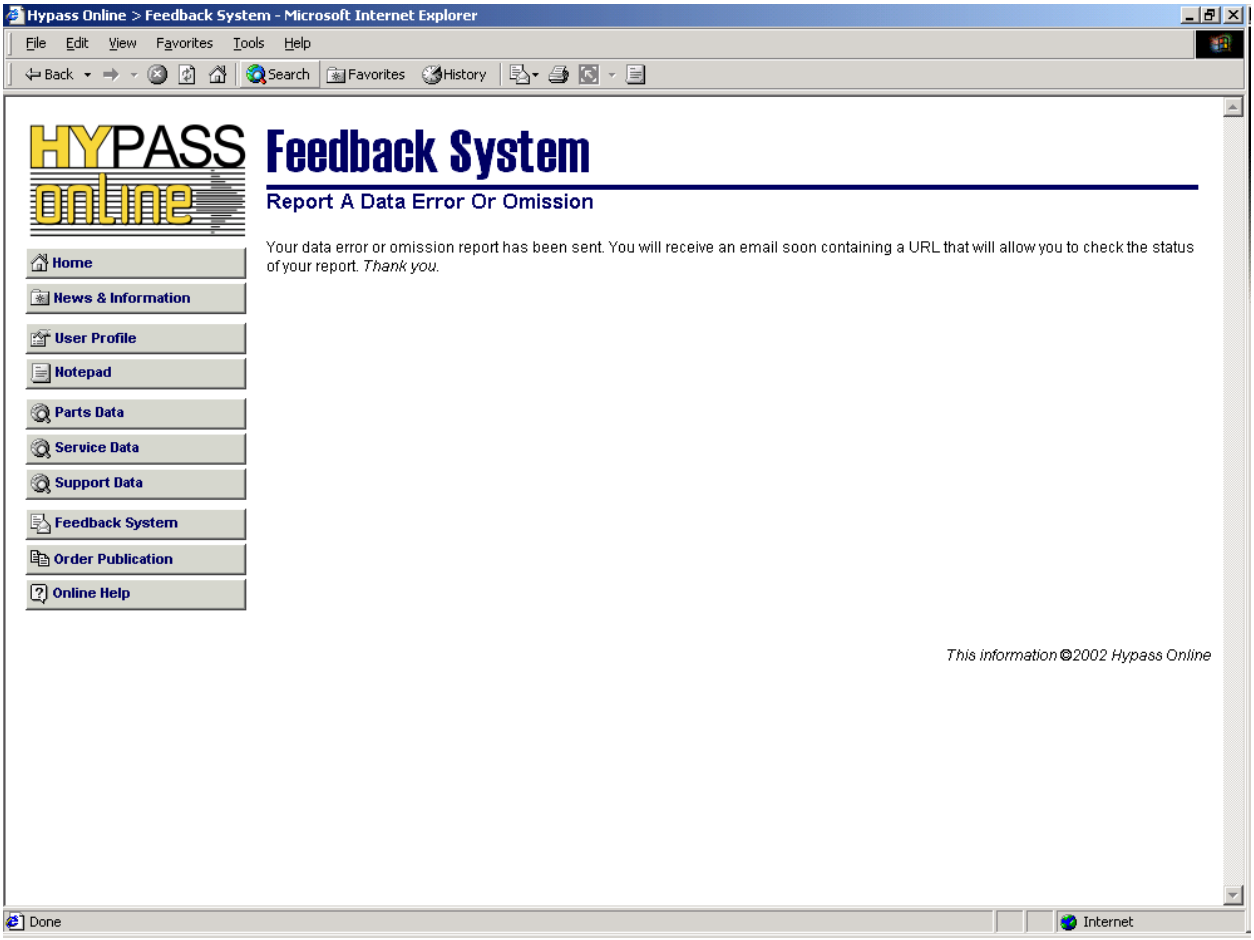


The system will automatically enter your userid and e-mail address into the reporting e-mail. Please include as much detail as possible.

Areas are provided for the user to provide specifics, from a combination of the “drop down” windows and further description of the details. Users are encouraged to provide as much detail as possible, to help in the timely research and resolution.

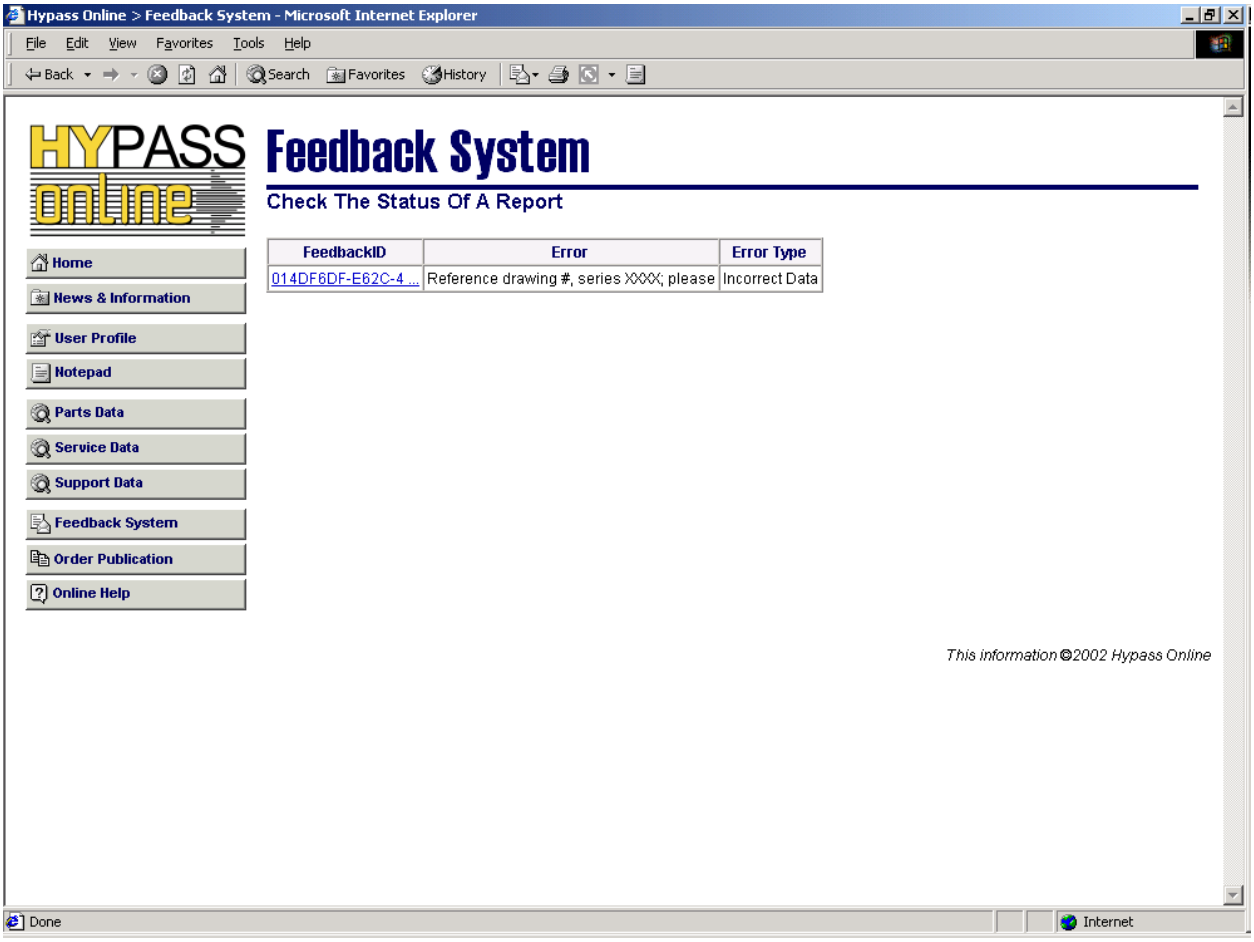

Hypass Online > Feedback System - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
HYPASS online
Feedback System
Report A Data Error Or Omission
Home
News & Information
User Profile
Notepad
Parts Data
Service Data
Support Data
Feedback System
Order Publication
Online Help
User Identification: ahwalt
Email Address: ahwalt@hyster.com
Error Type: Incorrect Data
Error is in: A Service Illustration
Error Details:
Reference drawing #, series XXXX; please modifty the drawing to include the following information: (This is a sample report) to demonstrate user report of data error or omission).
Submit Report
Clear
This information ©2002 Hypass Online
Internet

You will receive a confirmation from the system, similar to this one:

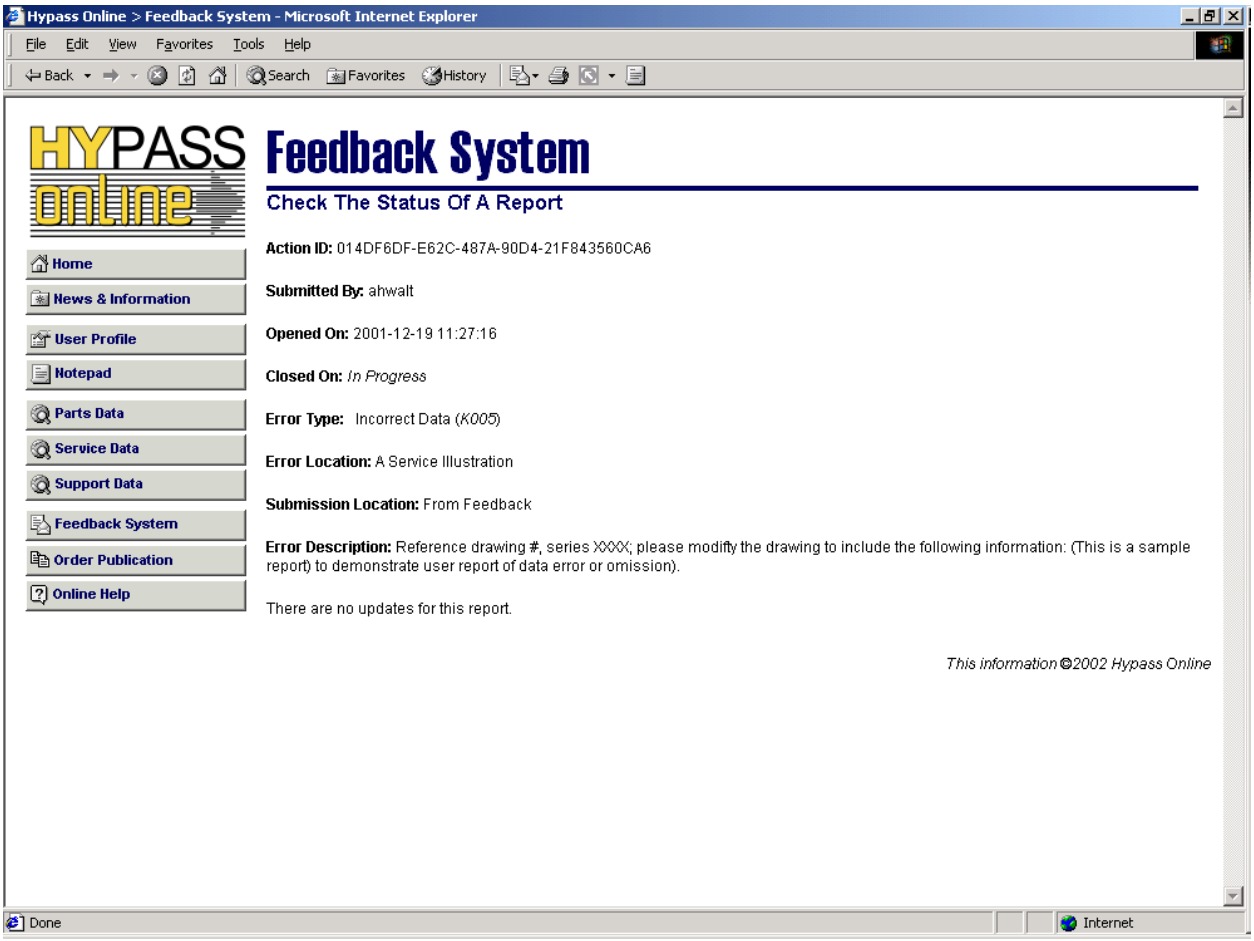

Hypass Online > Feedback System - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
HYPASS online
Feedback System
Report A Data Error Or Omission
Your data error or omission report has been sent. You will receive an email soon containing a URL that will allow you to check the status of your report. Thank you.
Home
News & Information
User Profile
Notepad
Parts Data
Service Data
Support Data
Feedback System
Order Publication
Online Help
This information ©2002 Hypass Online
Done
Internet

Check the Status of a Report

To check the status of a reported item, click on the "Check the Status of a Report" URL, and the system will return the following display:

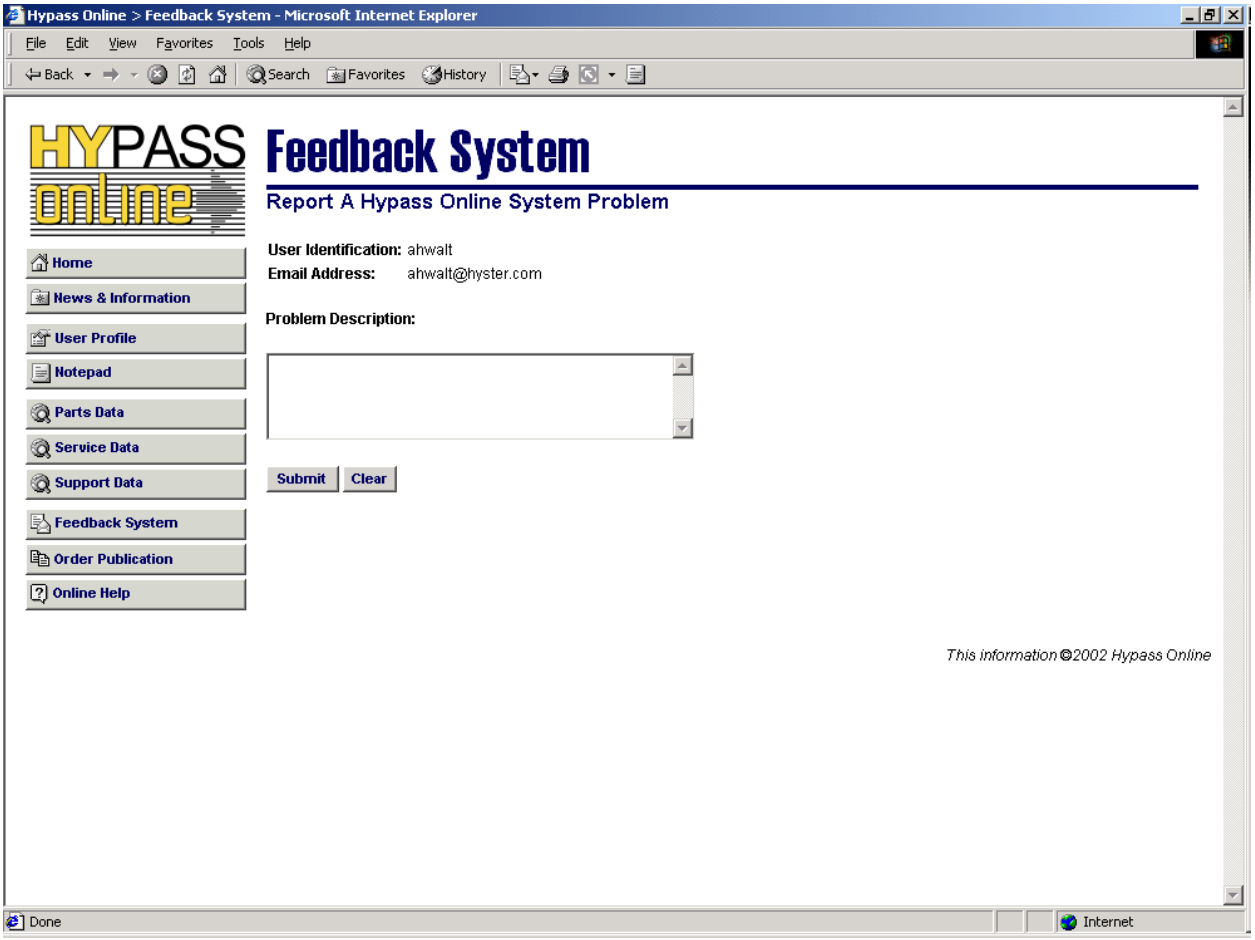


To view the actual report, click on the “Action ID” and the system will display the following:

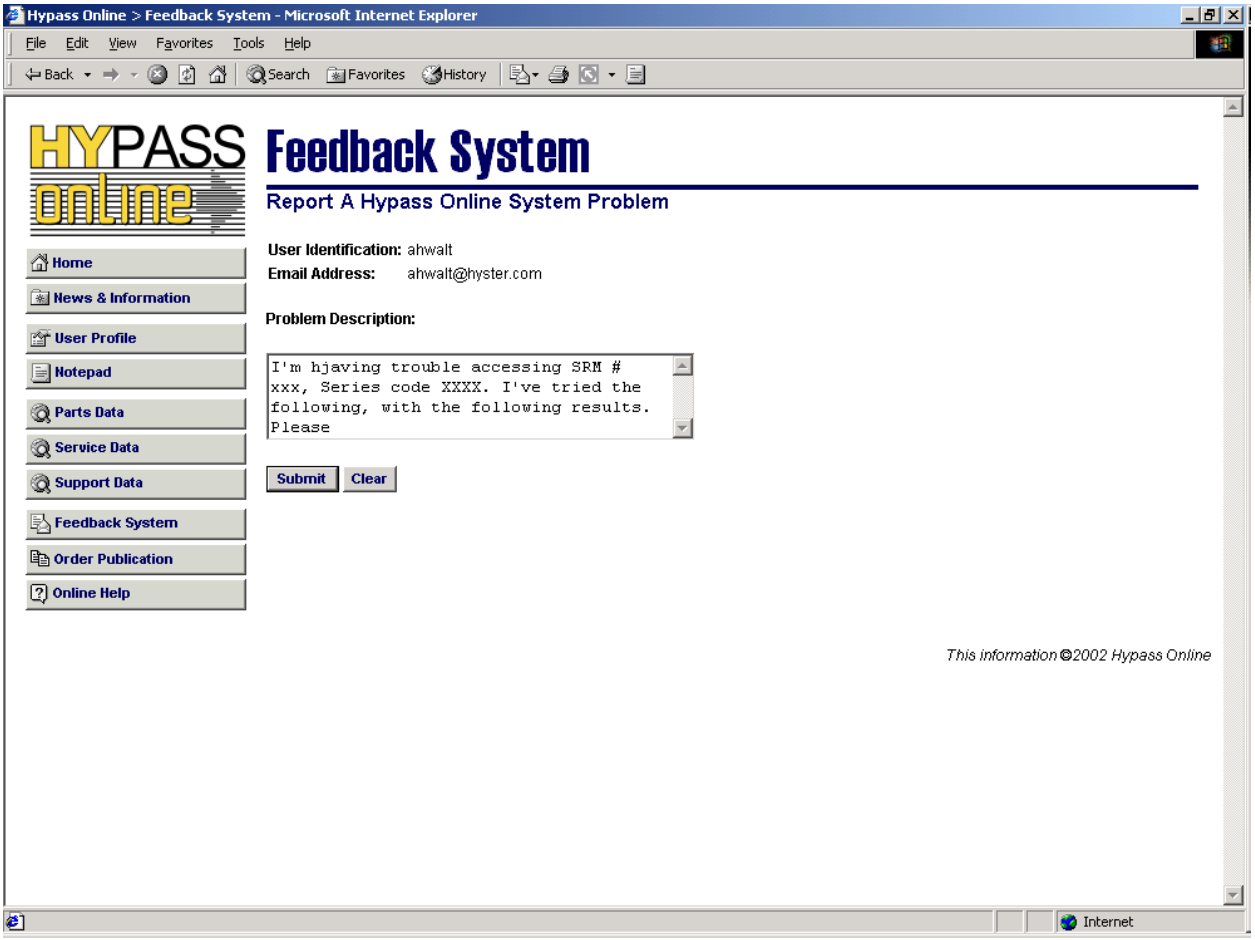

Hypass Online > Feedback System - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
HYPASS online
Feedback System
Check The Status Of A Report
Home
News & Information
User Profile
Notepad
Parts Data
Service Data
Support Data
Feedback System
Order Publication
Online Help
Action ID: 014DF6DF-E62C-487A-90D4-21F843560CA6
Submitted By: ahwalt
Opened On: 2001-12-19 11:27:16
Closed On: In Progress
Error Type: Incorrect Data (K005)
Error Location: A Service Illustration
Submission Location: From Feedback
Error Description: Reference drawing #, series XXXX; please modifty the drawing to include the following information: (This is a sample report) to demonstrate user report of data error or omission).
There are no updates for this report.
This information ©2002 Hypass Online
Done
Internet

Report A Hypass Online Systems Problem

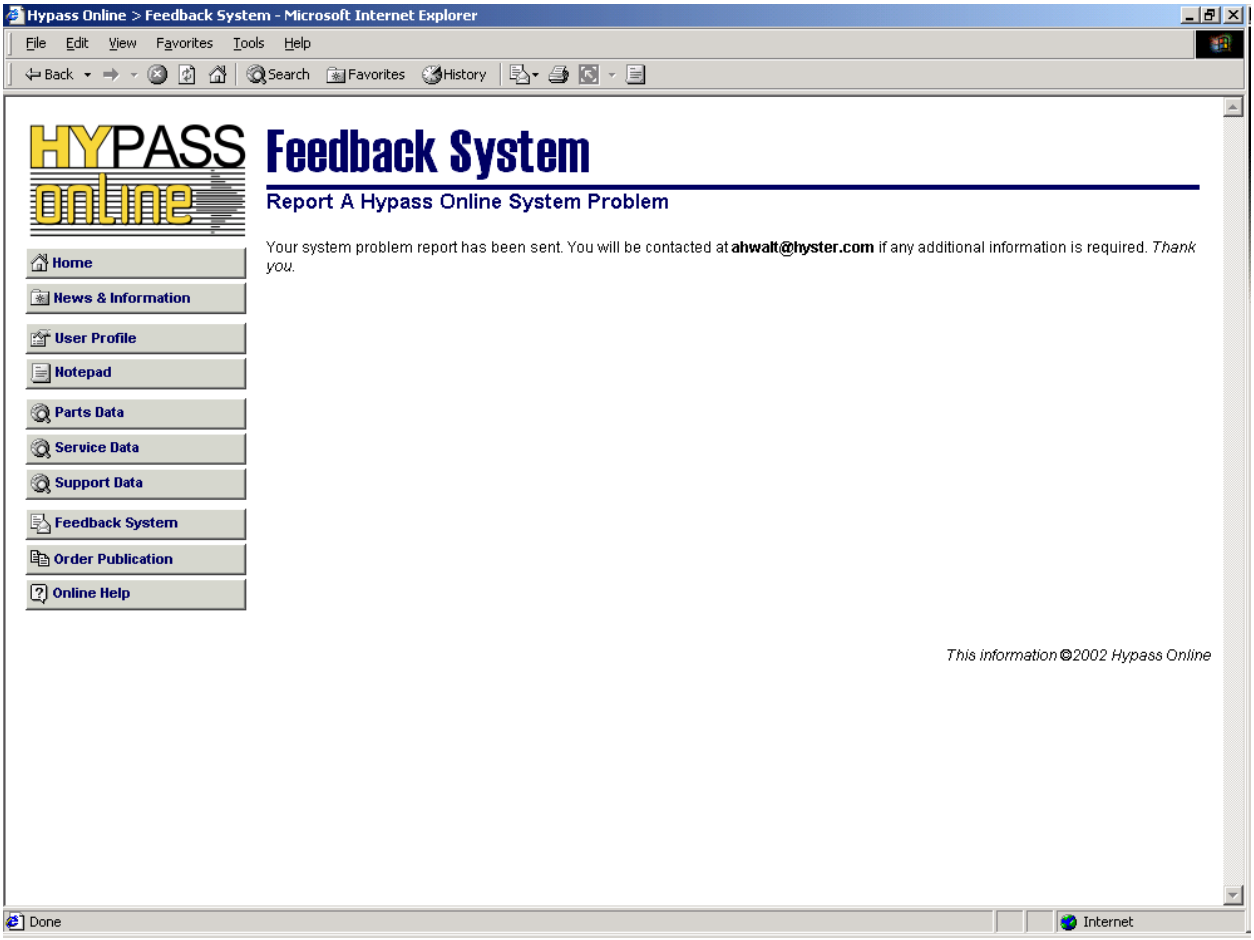
To report a Hypass Online System Problem, click on the “Report a Hypass Online System Problem” URL, and the system will respond with the following screen display:



Enter a description of the problem, again providing as much detail as possible, then click the Submit button.

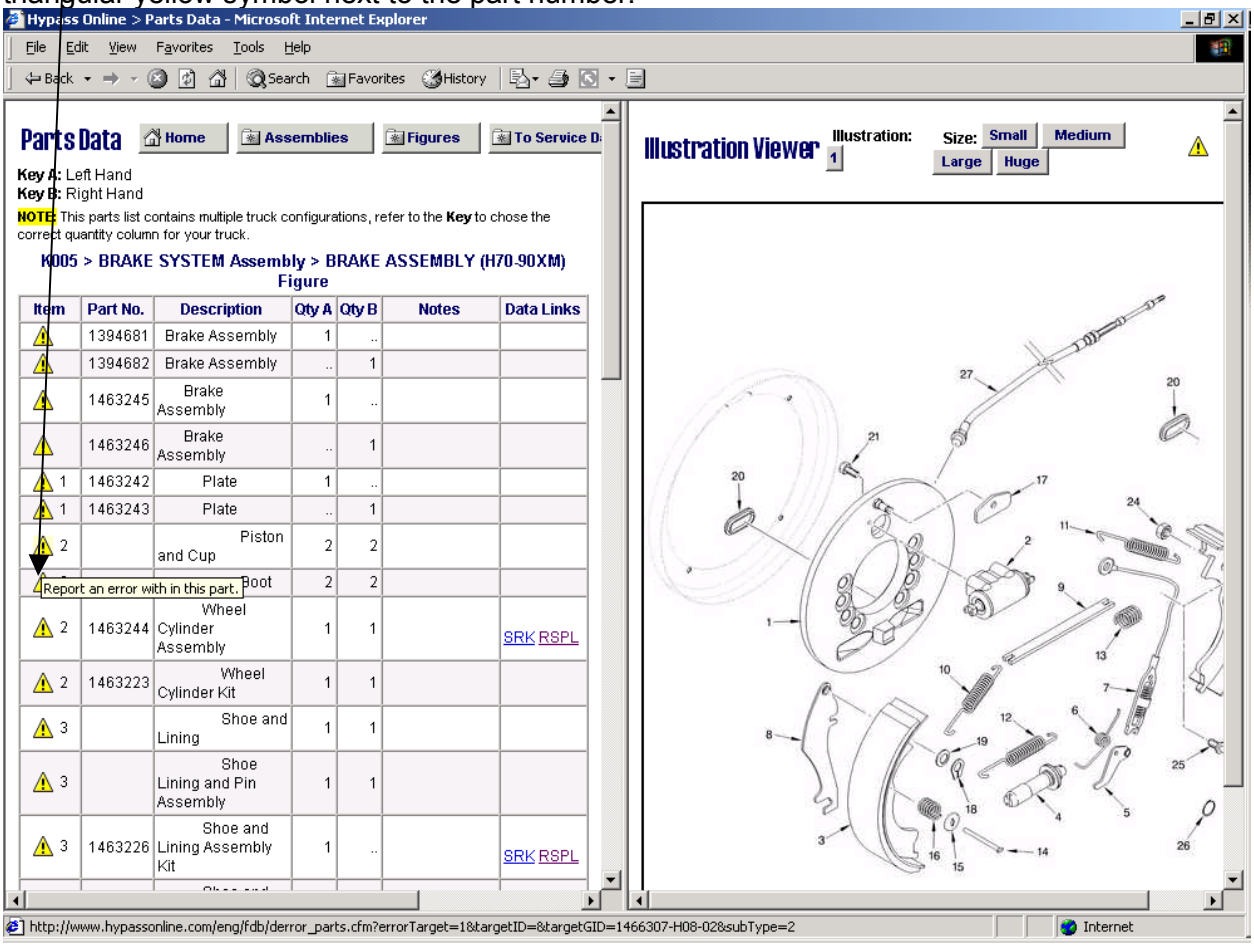


The system will respond as follows:

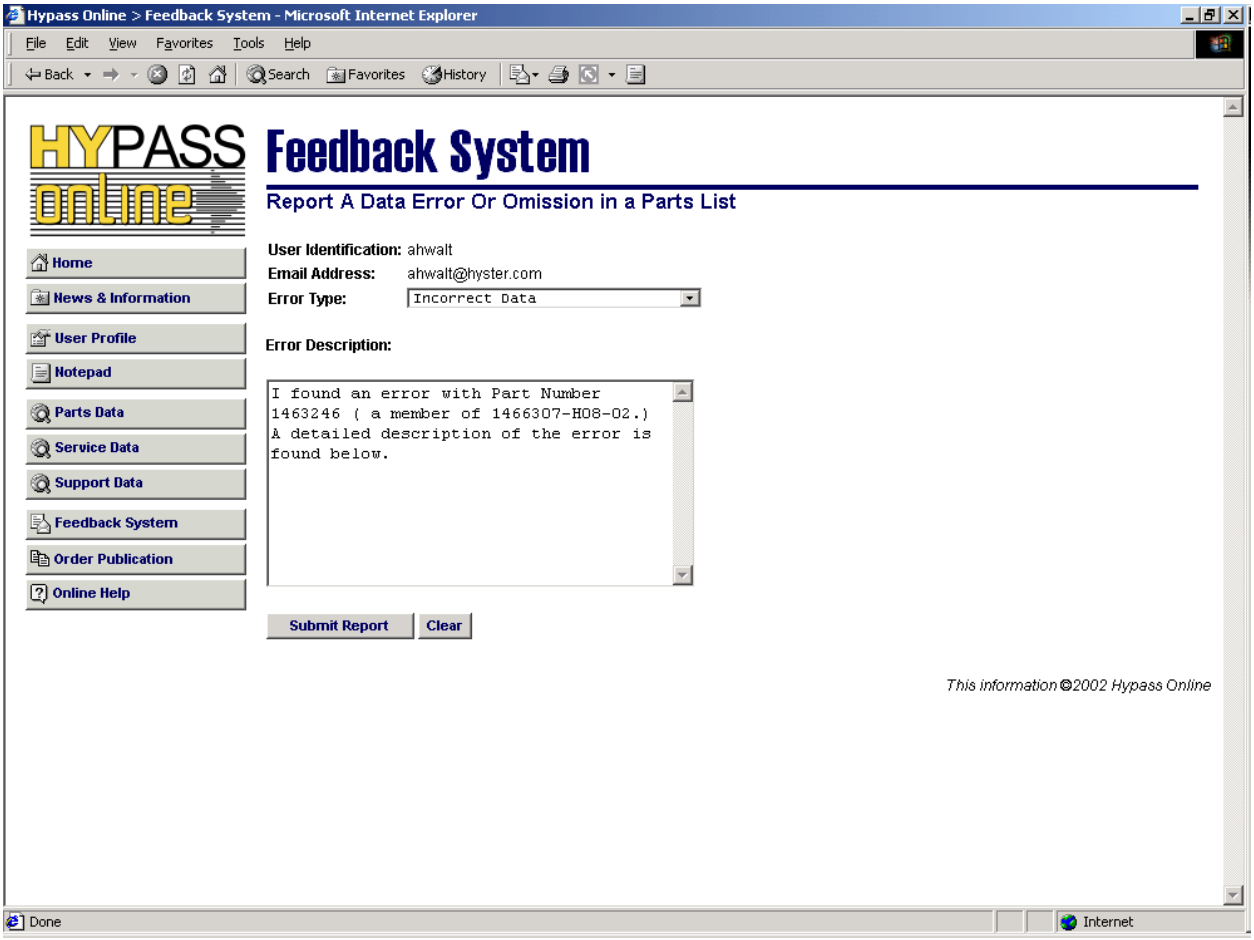


Report A Hypass Online Parts Identification Problem

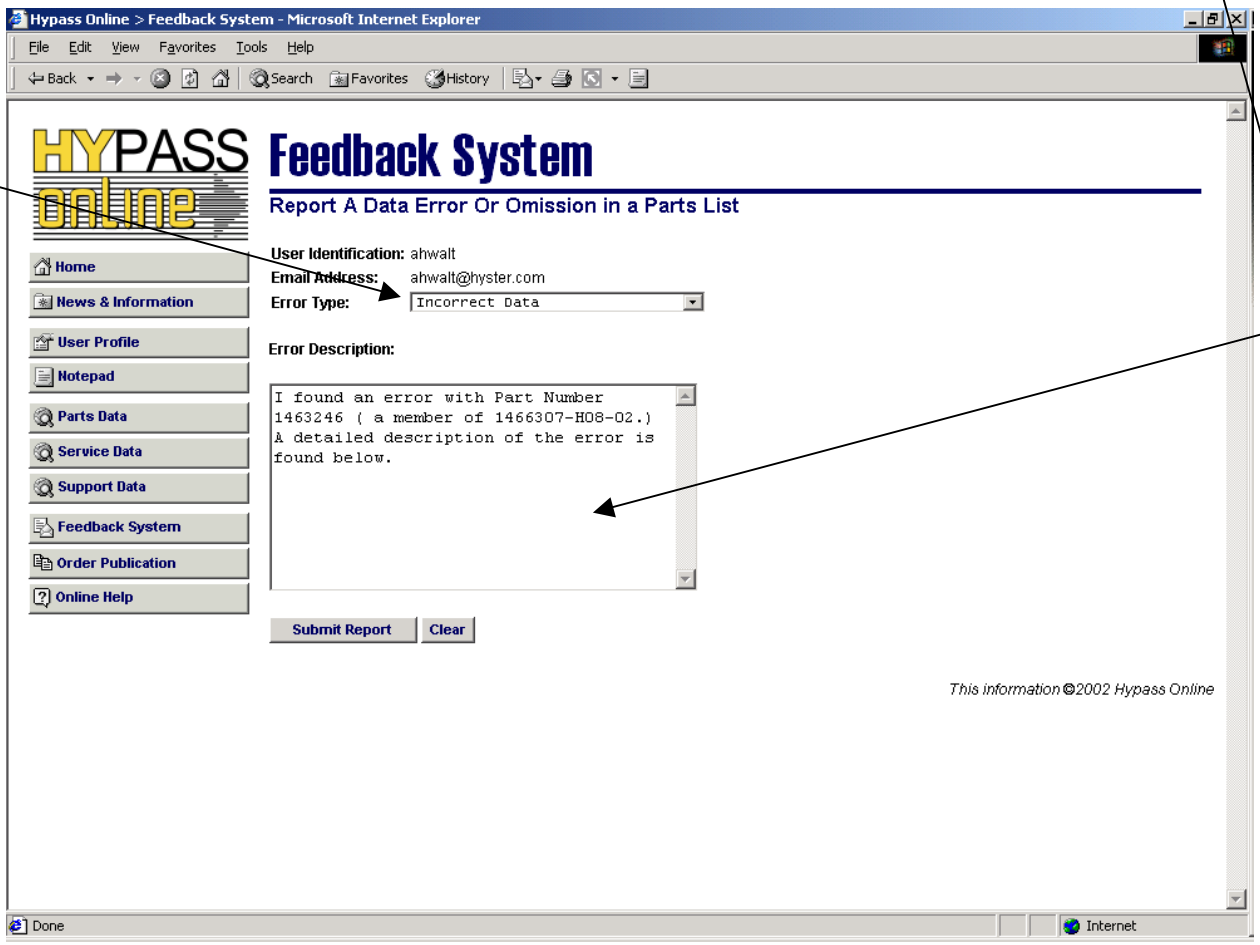
To report A Hypass Online Parts Identification (or other) problem specific to a part, click on the triangular yellow symbol next to the part number.


Hypass Online > Parts Data - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
Parts Data
Home
Assemblies
Figures
To Service D
Key A: Left Hand
Key B: Right Hand
NOTE: This parts list contains multiple truck configurations, refer to the Key to chose the correct quantity column for your truck.
K005 > BRAKE SYSTEM Assembly > BRAKE ASSEMBLY (H70-90XM)
Figure
Item Part No. Description Qty A Qty B Notes Data Links
1394681 Brake Assembly 1 ..
1394682 Brake Assembly .. 1
1463245 Brake Assembly 1 ..
1463246 Brake Assembly .. 1
1 1463242 Plate 1 ..
1 1463243 Plate .. 1
2 Piston and Cup 2 2
Report an error with in this part.
2 1463244 Wheel Cylinder Assembly 1 1 SRK RSPL
2 1463223 Wheel Cylinder Kit 1 1
3 Shoe and Lining 1 1
3 Shoe Lining and Pin Assembly 1 1
3 1463226 Shoe and Lining Assembly Kit 1 .. SRK RSPL
Illustration Viewer
Illustration: 1
Size: Small Medium Large Huge
http://www.hypassonline.com/eng/fdb/derror_parts.cfm?errorTarget=1&targetID=&targetGID=1466307-H08-02&subType=2
Internet

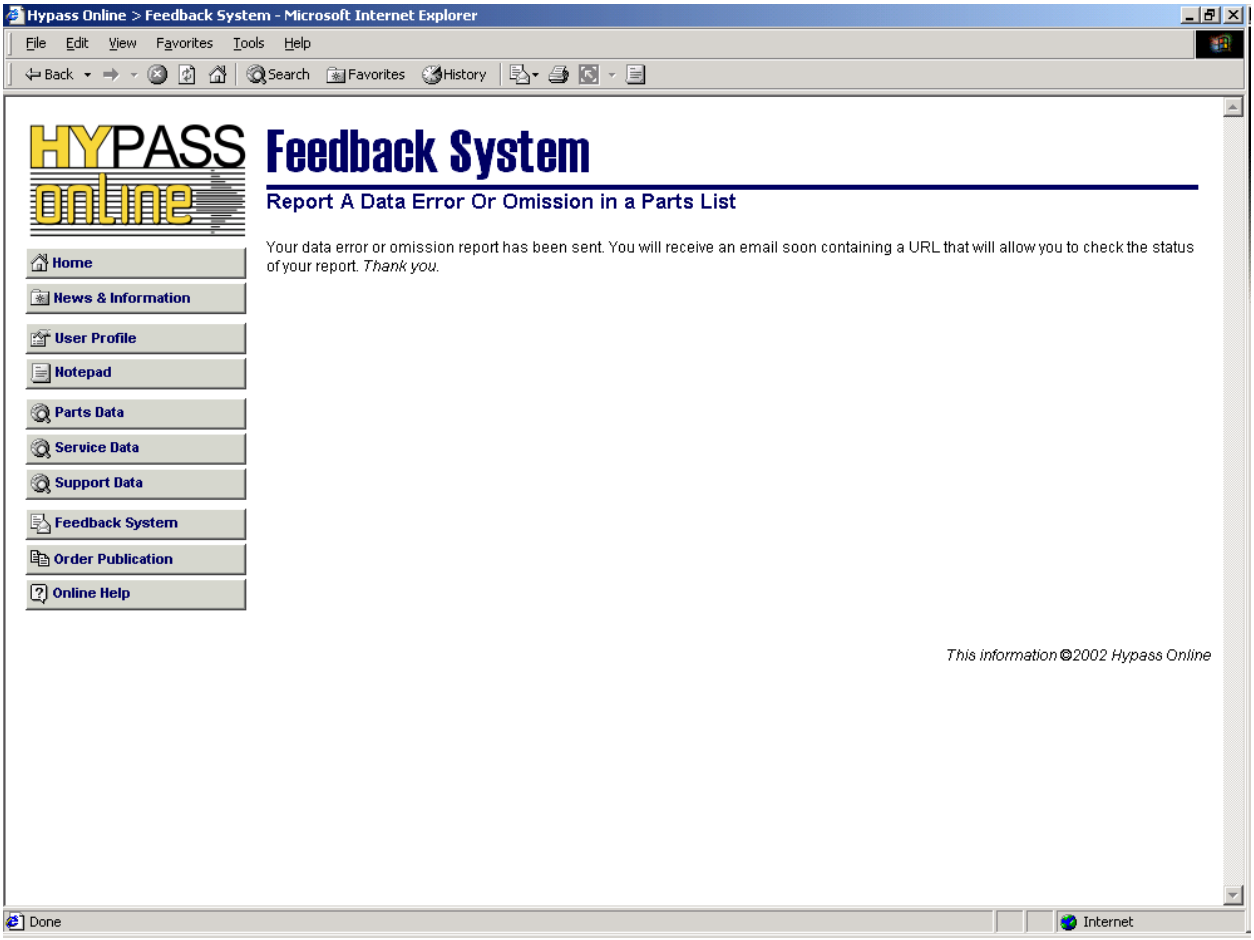
The system will respond with the following display:



Select an “Error Type” from the “drop down window provided. The system retains the part number and reference point in the Error Description window. The user may add the detailed description of the error in the Problem Description field before clicking on the “Submit Report” button.

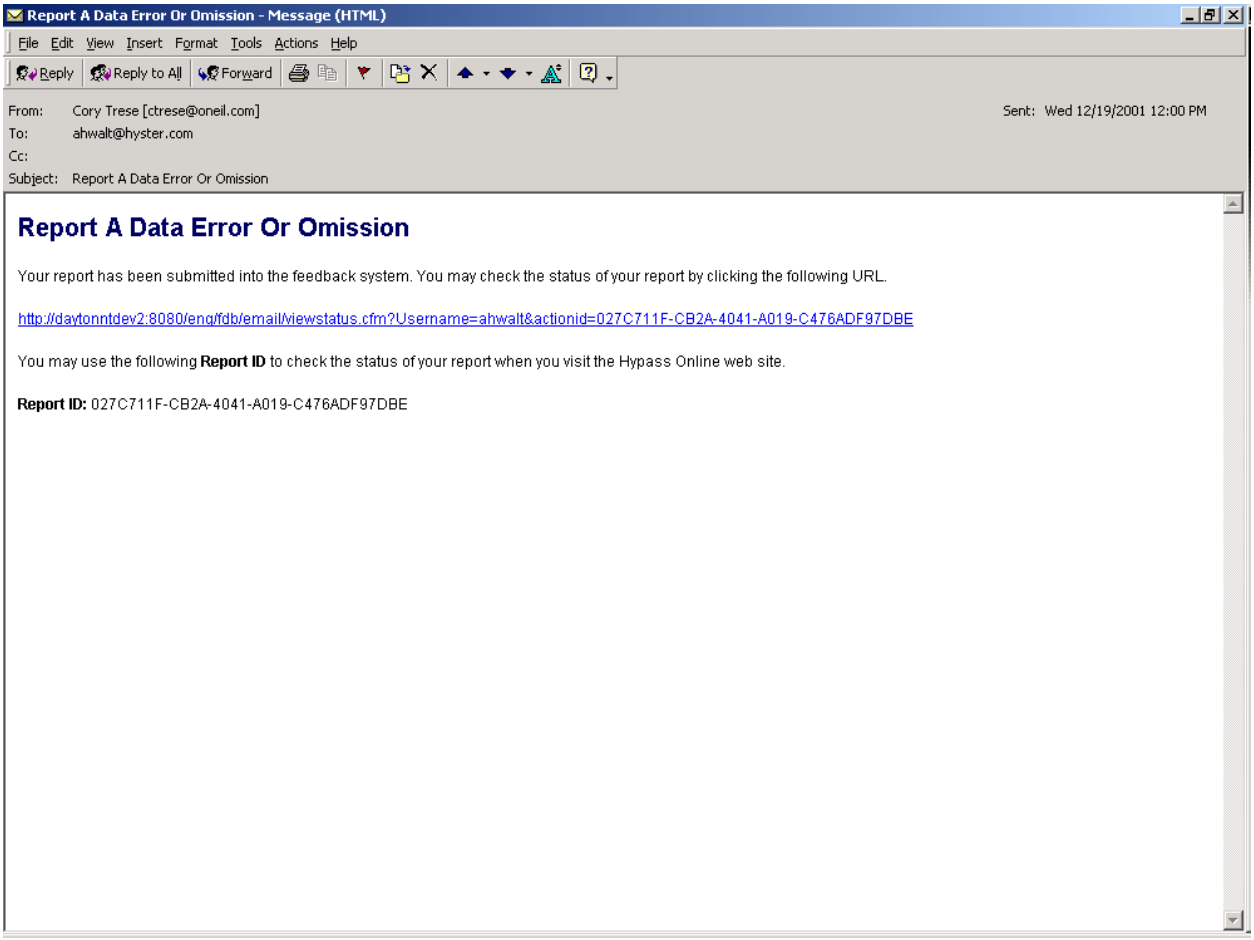


You will receive the following response:


Hypass Online > Feedback System - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
HYPASS online
Feedback System
Report A Data Error Or Omission in a Parts List
Your data error or omission report has been sent. You will receive an email soon containing a URL that will allow you to check the status of your report. Thank you.
Home
News & Information
User Profile
Notepad
Parts Data
Service Data
Support Data
Feedback System
Order Publication
Online Help
This information ©2002 Hypass Online
Done
Internet

Note: When reporting data errors, omissions, parts identification or systems problems, please provide as much detail as possible.

This is how the e-mail will look coming back to you acknowledging the report, with instructions on checking on the status of the report.


Report A Data Error Or Omission - Message (HTML)
File Edit View Insert Format Tools Actions Help
Reply Reply to All Forward
From: Cory Trese [ctrese@oneil.com]
Sent: Wed 12/19/2001 12:00 PM
To: ahwalt@hyster.com
Cc:
Subject: Report A Data Error Or Omission
Report A Data Error Or Omission
Your report has been submitted into the feedback system. You may check the status of your report by clicking the following URL.
http://daytonntdev2:8080/eng/fdb/email/viewstatus.cfm?Username=ahwalt&actionid=027C711F-CB2A-4041-A019-C476ADF97DBE
You may use the following Report ID to check the status of your report when you visit the Hypass Online web site.
Report ID: 027C711F-CB2A-4041-A019-C476ADF97DBE

End of Documentation